

Author Index

Volume 104, July–December 2001

- Aase K. 358
Aass H. e97, 1494
Abdallah F. 1-8
Abdellatif M. 317
Abe J-i. 1399
Abe S. 281
Abel MD. 1-36
Abizaid A. 533, 2007
Abizaid AS. 533, 2007
Abraham K. 1-192
Abunasra H. 1-246, 1-303
Accurso V. 384, 903
Achenbach S. 1757, 1927
Ackerman MJ. 1092
Acuff T. 1-99
Adachi S. 2948
Adachi T. 1040
Adair LS. 1034
Adam A. 939
Adams DH. 1-68, 2911
Adams JL. 1292
Adelman DC. e55
Adema GJ. 1236
Adkisson WO. 796
Adler SW II. 887
Afanasyeva M. 3145
Afek A. 1646
Agelink MW. e145
Agnelli G. 74
Agrawal R. 768
Aguirre F. 406
AHA Nutrition Committee. 1869
Ahmed JM. 856, 3020
Ahmed S. 1119
Ahn C. 2331
Aicher A. 2182
Aikawa M. 109, 2525
Aizawa Y. 455, 1098
Ajani AE. 3020
Akashi K. 203
Akbari H. 2363
Akimoto Y. 1964
Akishita M. 2716
Aklog L. 1-68
Albiero R. 12
Alcorn JL. 2923
Aldashev A. 424
Aleksiene R. 1757
Alessandrini F. 1-64
Alexander JK. e67
Alfieri O. 2539
Al-Hesayen A. 1119, 2194
Alitalo K. 358
Allan R. 2194
Allen JS. 1280
Allessie M. 957
Allman KC. e37
Al-Mubarak N. 1999, e121
Altarescu G. 1506
Alvarez AN. 515, 2975
Alvarez M. 2045
Alvarez-Sala LA. e34
Amankwah KS. 515
Amant C. 2576
Ambrose JA. 1905
Ambrosio G. 735, 2039
Ammirati F. 52
Amrani M. 1-303
Amsterdam EA. 1694
Anand S. 2746, 2855
Anastasakis A. e132
Anderson HV. 974, 2331
Anderson JL. e20, 2188
Anderson TJ. 2879
Andhyiswara I. 91
Andreassen AK. e97
Andrew P. 3097
Andria G. 1124
Andries LJ. 3137
Angeja BG. 2300
Angel C. 497
Angelini GD. e36
Angelini P. e63
Angelini V. 3076
Angermann CE. 1292
Anker SD. 544
Antman EM. e8
Aoka Y. 1-282
Aoki M. 2344
Aomi S. 1-282
Apple FS. e125
Applegate WB. 1923
Apstein CS. 221, 1594
Arab A. 2358
Aranki SF. 1-81
Araújo CGS. e58
Araujo EG. 1-319
Arbique D. e161
Arditi M. 3103
Aretz HT. 1286
Aretz TH. 448
Arikawa M. 1837
Arlinghaus R. 1399
Armour JA. 1-115
Armstrong PW. 1229, 1742, 2653
Arnal J-F. 1814
Arndt GA. e156
Arnett DK. 19
Arnold JMO. 700
Arnold R. 1158
Arnout J. e109
Arntz H-R. 768
Arora R. 802
Arora RC. 1-115
Arriero MM. 1822
ARTS Study Group. 2689
Aryee S. 1757
Asada K. 1274
Asakura M. 705
Asano H. 860
Asanoi H. 418
Asanuma H. 705
Ascherio A. e99, e149
Ascione R. e36
Asfour B. 1757
Ashai K. 412
Ashikaga T. 181
Ashraf M. 85
Ashrafian H. e165
Assessment of the Safety
Efficacy of a New
Thrombolytic (ASSENT-2)
Trial Investigators. 2653
Astern J. 2391
Atalar E. 1588
Atar D. e26
Atkins DL. 1-143
Au A. 2236
Auer J. e82, e100, e151, e164
Aukrust P. e97, 1494
Auricchio A. 3026
Auriemma S. 1-253
Aurigemma GP. 779
Autschbach R. 1-54
Avierinos J-F. 1-1
Ay T. 461
Ayoub IM. 234
Ayub A. 85
Azakie A. 1-152
Azar RR. e7
Azen SP. 1255
Azevedo ER. 2194
Baartscheer A. 2728
Babaev VR. 2820
Baboonian C. 1380
Bacalli S. 2694
Bach D. e85
Bachinski LL. 128, 2188, 3030, e165
Bacon JP. e79
Badimon JJ. 249
Bagger H. 292
Bahner ML. 3057
Bailey LR. 1188
Bair TL. e20
Bajanowski T. 1158
Bajzer C. 2995
Baker AL. 1-138
Balady GJ. e58, 1694
Baldwin WM III. 2369
Balint RF. 2569
Ballantyne CM. 1108, 3046
Ballermann BJ. 1985
Ballotta E. e121
Balser JR. 1200
Balyasnikova IV. 1236
Banasiak W. 544
Banaudi E. 2809
Banner NR. 1-233
Banning A. 970
Banville I. 1313
Bao W. 2588
Baran KW. 2778
Barbash GI. 1229
Barbone A. 670, 1-229
Bariety J. 197
Barlow CW. 1-59
Barlow JB. 1-59
Barnard MR. 1374, 1533
Barnathan ES. 163
Baro I. 3081
Barr E. 2280
Barreto-Filho JAS. 1792
Barrett TD. 820
Barrett-Connor E. 1332
Barron HV. 2778
Barry WH. 2101
Barta J. e157
Bartels C. 1-25
Barton PJR. 1-233
Bartunek J. 157, 2401
Barua RS. 1905
Bassett P. 145
Basso C. e132
Bate WW. e1
Batra R. 802
Bauer JA. 174, 2886
Bauersachs J. 982
Baumbach A. 480
Bax JJ. 1-314
Bayés de Luna A. e58
Bazzarre T. 1694, 1869, e58
Beache GM. 1214
Bean M. 2216
Beavo JA. 2338
Bech J-W. 157, 2401
Becher H. e60
Bechtel JFM. 1-25
Bechtel M. 1-21
Becker AE. 550
Becker E. 2843
Becker L. 2513
Becker LC. 998
Beckman KJ. 550
Beckmann S. 387
Bednarz JE. 352
Bedossa M. 1604
Beer M. 2503
Behr TM. 1292
Behrendt D. 1-143, 1114
Beiras J. 2045
Bekker JM. 810
Bell PR. 304
Bella JN. 1248
Bellehumeur JL. 257
Beller GA. 1181
Bellinger DC. 1-127, 1-138
Beloqui O. e38
Beltrame J. 1114
Benedict CR. 16
Bengtsson K. 187
Benhorin J. 557
Benser ME. 1066
Benson DW. 2565
Benussi S. 2539
Berent R. e82, e151, e164
Berezin R. 3039
Berg O. 3125
Berg RA. 2465
Bergelson J. 275
Berger PB. 627
Berger RD. 723, 2407
Bergersen L. 729
Bergin JD. e3
Bergin ML. 515
Bergmann MW. 2088
Berk BC. 1399, 2338
Berk M. e57
Berkman LF. 2024
Berlin JA. 1894
Berman DS. e151
Bernard P-M. 2295
Berr SS. e110
Berrebi A. 1-8, 1-12
Bers DM. 2961

Author Index

Volume 104, July–December 2001

- Aase K. 358
 Aass H. e97, 1494
 Abdallah F. 1-8
 Abdellatif M. 317
 Abe J-i. 1399
 Abe S. 281
 Abel MD. 1-36
 Abizaid A. 533, 2007
 Abizaid AS. 533, 2007
 Abraham K. 1-192
 Abunasra H. 1-246, 1-303
 Accurso V. 384, 903
 Achenbach S. 1757, 1927
 Ackerman MJ. 1092
 Acuff T. 1-99
 Adachi S. 2948
 Adachi T. 1040
 Adair LS. 1034
 Adam A. 939
 Adams DH. 1-68, 2911
 Adams JL. 1292
 Adelman DC. e55
 Adema GJ. 1236
 Adkisson WO. 796
 Adler SW II. 887
 Afanasyeva M. 3145
 Afek A. 1646
 Agelink MW. e145
 Agnelli G. 74
 Agrawal R. 768
 Aguirre F. 406
 AHA Nutrition Committee. 1869
 Ahmed JM. 856, 3020
 Ahmed S. 1119
 Ahn C. 2331
 Aicher A. 2182
 Aikawa M. 109, 2525
 Aizawa Y. 455, 1098
 Ajani AE. 3020
 Akashi K. 203
 Akbari H. 2363
 Akimoto Y. 1964
 Akishita M. 2716
 Aklog L. 1-68
 Albiero R. 12
 Alcorn JL. 2923
 Aldashev A. 424
 Aleksiene R. 1757
 Alessandrini F. 1-64
 Alexander JK. e67
 Alfieri O. 2539
 Al-Hesayen A. 1119, 2194
 Alitalo K. 358
 Allan R. 2194
 Allen JS. 1280
 Allesie M. 957
 Allman KC. e37
 Al-Mubarak N. 1999, e121
 Altarescu G. 1506
 Alvarez AN. 515, 2975
 Alvarez M. 2045
 Alvarez-Sala LA. e34
 Amankwah KS. 515
 Amant C. 2576
 Ambrose JA. 1905
 Ambrosio G. 735, 2039
 Ammirati F. 52
 Amrani M. 1-303
 Amsterdam EA. 1694
 Anand S. 2746, 2855
 Anastasakis A. e132
 Anderson HV. 974, 2331
 Anderson JL. e20, 2188
 Anderson TJ. 2879
 Andhyiswara I. 91
 Andreassen AK. e97
 Andrew P. 3097
 Andria G. 1124
 Andries LJ. 3137
 Angeja BG. 2300
 Angel C. 497
 Angelini GD. e36
 Angelini P. e63
 Angelini V. 3076
 Angermann CE. 1292
 Anker SD. 544
 Antman EM. e8
 Aoka Y. 1-282
 Aoki M. 2344
 Aomi S. 1-282
 Apple FS. e125
 Applegate WB. 1923
 Apstein CS. 221, 1594
 Arab A. 2358
 Aranki SF. 1-81
 Araújo CGS. e58
 Araújo EG. 1-319
 Arbiqve D. e161
 Arditi M. 3103
 Aretz HT. 1286
 Aretz TH. 448
 Arikawa M. 1837
 Arlinghaus R. 1399
 Armour JA. 1-115
 Armstrong PW. 1229, 1742, 2653
 Arnal J-F. 1814
 Arndt GA. e156
 Arnett DK. 19
 Arnold JMO. 700
 Arnold R. 1158
 Arnout J. e109
 Arntz H-R. 768
 Arora R. 802
 Arora RC. 1-115
 Arriero MM. 1822
 ARTS Study Group. 2689
 Aryee S. 1757
 Asada K. 1274
 Asakura M. 705
 Asano H. 860
 Asanoi H. 418
 Asanuma H. 705
 Ascherio A. e99, e149
 Ascione R. e36
 Asfour B. 1757
 Ashai K. 412
 Ashikaga T. 181
 Ashraf M. 85
 Ashrafian H. e165
 Assessment of the Safety
 Efficacy of a New
 Thrombolytic (ASSENT-2)
 Trial Investigators. 2653
 Astern J. 2391
 Atalar E. 1588
 Atar D. e26
 Atkins DL. 1-143
 Au A. 2236
 Auer J. e82, e100, e151, e164
 Aukrust P. e97, 1494
 Auricchio A. 3026
 Auriemma S. 1-253
 Aurigemma GP. 779
 Autschbach R. 1-54
 Avierinos J-F. 1-1
 Ay T. 461
 Ayoub IM. 234
 Ayub A. 85
 Azakie A. 1-152
 Azar RR. e7
 Azen SP. 1255
 Azevedo ER. 2194
 Baartscheer A. 2728
 Babaev VR. 2820
 Baboonian C. 1380
 Bacalli S. 2694
 Bach D. e85
 Bachinski LL. 128, 2188, 3030, e165
 Bacon JP. e79
 Badimon JJ. 249
 Bagger H. 292
 Bahner ML. 3057
 Bailey LR. 1188
 Bair TL. e20
 Bajanowski T. 1158
 Bajzer C. 2995
 Baker AL. 1-138
 Balady GJ. e58, 1694
 Baldwin WM III. 2369
 Balint RF. 2569
 Ballantyne CM. 1108, 3046
 Ballermann BJ. 1985
 Ballotta E. e121
 Balser JR. 1200
 Balyasnikova IV. 1236
 Banasiak W. 544
 Banaudi E. 2809
 Banner NR. 1-233
 Banning A. 970
 Banville I. 1313
 Bao W. 2588
 Baran KW. 2778
 Barbash GI. 1229
 Barbone A. 670, 1-229
 Bariety J. 197
 Barlow CW. 1-59
 Barlow JB. 1-59
 Barnard MR. 1374, 1533
 Barnathan ES. 163
 Baro I. 3081
 Barr E. 2280
 Barreto-Filho JAS. 1792
 Barrett TD. 820
 Barrett-Connor E. 1332
 Barron HV. 2778
 Barry WH. 2101
 Barta J. e157
 Bartels C. 1-25
 Barton PJR. 1-233
 Bartunek J. 157, 2401
 Barua RS. 1905
 Bassett P. 145
 Basso C. e132
 Bate WW. e1
 Batra R. 802
 Bauer JA. 174, 2886
 Bauersachs J. 982
 Baumbach A. 480
 Bax JJ. 1-314
 Bayés de Luna A. e58
 Bazzarre T. 1694, 1869, e58
 Beache GM. 1214
 Bean M. 2216
 Beavo JA. 2338
 Bech J-W. 157, 2401
 Becher H. e60
 Bechtel JFM. 1-25
 Bechtel M. 1-21
 Becker AE. 550
 Becker E. 2843
 Becker L. 2513
 Becker LC. 998
 Beckman KJ. 550
 Beckmann S. 387
 Bednarz JE. 352
 Bedossa M. 1604
 Beer M. 2503
 Behr TM. 1292
 Behrendt D. 1-143, 1114
 Beiras J. 2045
 Bekker JM. 810
 Bell PR. 304
 Bella JN. 1248
 Bellehumeur JL. 257
 Beller GA. 1181
 Bellinger DC. 1-127, 1-138
 Belouqui O. e38
 Beltrame J. 1114
 Benedict CR. 16
 Bengtsson K. 187
 Benhorin J. 557
 Benser ME. 1066
 Benson DW. 2565
 Benussi S. 2539
 Berent R. e82, e151, e164
 Berezin R. 3039
 Berg O. 3125
 Berg RA. 2465
 Bergelson J. 275
 Berger PB. 627
 Berger RD. 723, 2407
 Bergersen L. 729
 Bergin JD. e3
 Bergin ML. 515
 Bergmann MW. 2088
 Berk BC. 1399, 2338
 Berk M. e57
 Berkman LF. 2024
 Berlin JA. 1894
 Berman DS. e151
 Bernard P-M. 2295
 Berr SS. e110
 Berrebi A. 1-8, 1-12
 Bers DM. 2961

- Berthaux X, 497
 Bertuzzi M, 2269
 Berul CI, 2734
 BESMART (BeStent in Small Arteries) Trial Investigators, 1604
 Besnard S, 1598
 Bessou J-P, 750
 Betge S, 2784
 Betsholtz C, 358
 Beunen G, 1633
 Beygui F, e124
 Bezzina CR, 1200
 Bhagwandien R, 2236
 Bhakdi S, 914, 3125
 Bharati S, 832
 Bhatt DL, 992, 2767, 2772, e76, e83, e109, e124
 Bhuiyan ZA, 1158
 Bianchi C, I-319
 Bickel C, 25, 1336
 Bielak LF, 412
 Bierbach B, 3125
 Bieringer M, 576
 Bigonzi F, 648
 Bijmens B, 1059
 Bijsterveld NR, 3063
 Billiar TR, 945
 Billing CB Jr, e57
 Billingham ME, 2615
 Bilodeau L, 2029
 Binner C, I-54
 Biondi B, 3076
 BIP Study Group, 2892
 Birks EJ, I-233
 Biro S, 1407
 Bishop GG, e3
 Blaauw Y, 957
 Black E, 1526
 Blackburn H, 19
 Blackhouse G, 1622
 Blackstad TW, 729
 Blackstone EH, 1911, I-152
 Blair SN, 1577
 Blanco-Colio LM, e34
 Blankenberg S, 25, 1336
 Blafox AD, 2803
 Bleiziffer S, I-54
 Blier L, 664
 Blier LE, e50
 Bloch KD, 1286
 Blomqvist CG, 1350, 1358
 Bloom N, 1646
 Bluemke DA, 998
 Bluestein BI, e26
 Blumenthal JA, 2024
 Blumrich M, 914
 Bobik A, 467
 Boccialandro F, 620
 Boccoli G, 921
 Bocksch W, 387
 Boekholdt SM, 3063
 Boersma E, 2236, I-314
 Bohlmeier TJ, 2222
 Böhm M, 1218
 Bohr DF, 1884
 Bohrmann B, 864
 Boisseau P, 3081
 Bolger AP, e97
 Bolli R, 694
 Boltwood CM Jr, e158
 Bombelli M, 1385
 Bondio M, I-288
 Bonow RO, 563, 1577
 Boomsma F, 1236
 Boontje NM, 1140
 Boquist S, 1223
 Borggrefe M, 1158
 Borgioni C, 2039
 Borja J, 1034
 Born M, e60
 Borne P, 384
 Borst C, 91, 1761
 Borzak S, 1483, 2778
 Bosch J, 522, 1615
 Bosch R, e102
 Bösenberg I, 2791
 Bottcher M, 2305, e100
 Botto G, 1261
 Bottomley PA, 1214
 Bottoni N, 2045
 Bouchard P, 2740
 Boudriot E, 2917
 Boulanger CM, 2649
 Bouma B, 2754
 Bourassa MG, 522
 Boushel R, 1785
 Bovee V, 1869
 Bowles C, I-233
 Boxerman JL, 1214
 Boyce R, 2588
 Boyce SW, I-81
 Bradbury JA, 2453
 Braden GA, 870
 Bradley SM, e41
 Brady RO, 1506
 Branda RF, 2311
 Brandauer K, 3057
 Brass LM, 1577
 Braun JP, I-270
 Braunberger E, I-8
 Braunwald E, e8, 2759
 Brede M, 2602
 Brehme U, 480
 Breitbart RE, 1899
 Breithardt G, 1158
 Brenner SJ, e83, 2685, e124
 Brenner DA, 221
 Brenner MC, 2216
 Brenot P, 497
 Breslow JL, 2447
 Breuer S, 3023
 Bricker JT, 310
 Brignole M, 1261, 2045
 Bril A, 2588
 Brinker JA, 1868
 Brinkmann B, 1158
 Briscoe DM, 2558
 Brockhaus M, 864
 Brockmeyer NH, e145
 Brodie BR, 636
 Brodsky MA, e57
 Brooks DP, 1292
 Brophy M, 120
 Brown DL, 2171, 3034
 Brown NJ, 839
 Browne AE, 810
 Brugada R, 2188, 3017
 Brügge A, 717
 Brummel K, 2666
 Brummel KE, 2311
 Brunkhorst CB, 664, e50
 Brunel P, 1604
 Brunner F, 3097
 Brutsaert DL, 2018, 3137
 Bucciarelli P, 2442
 Buchanan TA, 1255
 Buchwald H, e47
 Buckingham RE, 2588
 Budaj A, 269
 Budde JM, I-296
 Buecker A, e101
 Bui AB, 3020
 Buja LM, 2331, 2938
 Büller H, 74, 3063
 Buller T, 1757
 Burbach H, 768
 Burcelin R, 342
 Burchenal JEB, 2222
 Burgin WS, 1799
 Buring J, 2266
 Buring JE, 393
 Burke GL, 491
 Burkhoff D, 486, 670, 2843, I-229
 Burman ED, I-16
 Burnes JE, 1299, 1306
 Burnett JC Jr, 215, 1856
 Burnier M, e82
 Burns D, 3091
 Burns TL, I-143
 Burstein JM, 1119
 Buskens E, 1761
 Busse R, 2826
 Bustos C, e34
 Buth KJ, I-92
 Butter C, 442, 2533, 3026
 Buttrick PM, 2216
 Buus NH, 2305, e100
 Buxton AE, 436
 Byington RP, e5, e95
 Byrne JG, I-68
 Byun Y, 3116
 Caballero E, 741
 Cabell CH, 1029
 Cabrera CL, 1884
 Cai S, 1526
 Caijani EG, 352
 Cain ME, 436
 Cairns R, e8
 Calabrò MP, 2539
 Calabrò R, 2809
 Calabrese F, 168
 Calbet J-AL, 1785
 Caldaroni CA, I-143
 Calderone A, 2075
 Califf RM, 1229, 2767
 Caligiuri G, 197
 Calkins H, 723
 Calori G, e36
 Camitta MGW, 2453
 Campanelli B, 461
 Campbell AIM, 2242
 Campeau L, 2660
 Canadian Implantable Defibrillator Study (CIDS) Investigators, 1622
 Cancelas P, e34
 Candinias R, 848
 Cannata R, 2641
 Cannon CP, 624
 Cannon RO III, 2905
 Cantin B, 2295, 2615
 Canto JG, 2300
 Cao R, 358
 Cao W, 2369
 Cao Y, 358
 Cao-Danh H, I-350
 Capderou A, I-121
 Cappola TP, 2407
 Capriotti AR, 1464
 Capucci A, 2324
 Caputo M, e36
 Cardin S, 2608
 Carere RG, 2689
 Carey BJ, 898
 Carlquist JF, e20
 Carnes CA, 174, 2886
 Carney RM, 2024
 Caron MF, e22
 Carpentier A, I-8, I-12
 Carracedo J, 2975
 Carroll JD, 779
 Carr-White GS, I-16
 Carter AJ, 473, 1188
 Carugo S, 1385
 Casado S, 1822
 Casey B, 2809
 Casey SA, 2517
 Casscells W, 244
 Castagna MT, 3020
 Castanon JL, 2689
 Castelvécchio S, I-288
 Castro MG, 2595
 Catarino P, 970
 Catellier D, 1108, 2024
 Cattaneo M, 2442, e146
 Caussein C, 497
 Cecchi F, 2517
 Celermajer DS, 2943
 Celestin JA, I-8
 Cencetti S, 2694
 Centemero M, 533
 Ceravolo R, 191
 Cerbone AM, 1124
 Cercek B, 2376, 2498
 Cernacek P, 2075
 Cerqueira MD, 1577
 Cesana G, 1385
 Chaitman B, 1694, e58
 Chambers JC, 145
 Chambers JL, 263
 Chamis AL, 1029
 Chan JYH, 1676
 Chan P, 2849
 Chan SHH, 1676
 Chandra S, 1292
 Chang J, 209
 Chang M-S, 1501, 2849
 Chang P-Y, 588
 Chang W-C, 2653
 Channer KS, 1459, e146
 Channon KM, 1526
 Chanoine F, 2417
 Charles M-A, 756
 Charlesworth A, e8
 Charman S, I-59
 Chartier D, 2095
 Chatellier G, I-8
 Chatterjee K, 810
 Chattipakorn N, 1313
 Chau L-Y, 1519
 Chaudhuri T, e151
 Chauvaud S, I-8, I-12
 Chawla P, 1850
 Che W, 1399
 Chekanov V, 1850
 Chello M, 191
 Chen C-H, 588
 Chen D, 2492
 Chen FL, 1194
 Chen J, 1071, 1153, 2391, 2588
 Chen JG, 1923
 Chen K, 2117
 Chen P-S, 227
 Chen R, 2716
 Chen RH, I-68
 Chen S-A, 1501, 2849, 3152

- Chen T-H, 1575
 Chen V, 2412
 Chen Y-C, 2849
 Chen Y-J, 2849
 Chen Y-P, 1575
 Cheng L, 473, 1588
 Cheng LS-C, 1255
 Cheng TO, e96, e107, e108, e153
 Chenu P, 2029
 Chesebro J, 249
 Chevallier J-C, 3081
 Chew DP, 992, e76, e83, 2767, e109, e124
 Chiarelli F, 921
 Chiariello L, 1471
 Chilian WM, e48
 Chimenti C, 168
 Chisner MB, 796
 Choi KM, 1101
 Chou TM, 1917
 Choudhury RP, 2447
 Chow C-M, 1952, 1958
 Christ M, 982
 Christ T, 2551
 Christiani DC, 986
 Christiansen J, 2107
 Christy C, 2832
 Chronos NAF, 2459
 Chua TP, 544, 2324
 Chuang R, 1799
 Hugh SK, e74
 Chulada P, 2453
 Chun M, 1899
 Chung MK, 2886
 Chvatchko Y, 1598
 Ciabattini G, 1124
 Ciaccio EJ, 613, 1946
 Cichon R, I-102
 Cines DB, 870
 Cipollone F, 921
 Clarke SC, e146
 Clarkson TB, 1332
 Claussen CD, 480
 Cleeman Jr, 491
 Cleman MW, 1917
 Cleutjens JPM, 1419
 Clubb FJ, 2331
 Clusin WT, 2082
 Coady SA, 1108
 Coatney RW, 1292
 Coats AJS, 544, 2324
 Cobb LA, 2699
 Cobbe SM, e104
 Coen VLMA, 2236
 Coggins MP, 2471
 Cohen DJ, 773, 1609, 1917, 3039
 Cohen HA, 2917
 Cohen RA, 1040
 Cohn LH, I-68, I-81
 Coker ML, 826
 Colan SD, 310
 Cole D, 746
 Colivicchi F, 52
 Collier C, e26
 Collins KA, 352
 Collins P, 499
 Colman JM, 515
 Colombo A, 12, 1609
 Comini L, 253
 Commeau P, 1604
 Comp P, 74
 Congenital Heart Surgeons Society, I-152
 Connell JMC, 1805
 Connolly HM, I-36, I-133
 Connolly SJ, 1622
 Connors LH, 1594
 Conrad C, 1958
 Conrad N, I-336
 Consolim-Colombo FM, 1792
 Cook S, 342
 Cook TJ, 3046
 Cooke JP, e55, 2569
 Cooley DA, 2756
 Cooper DKC, 2756
 Cooper JM, 3010
 Cooper MJ, 240
 Coppola A, 1124
 Coppola L, e34
 Corbazz A, 1598
 Corey GR, 1029
 Cornacchia D, 1261
 Cornel JH, I-314
 Cornelussen RNM, 209, e123
 Coromilas J, 1946
 Coronel R, 3069
 Corsoni V, 2694
 Corti R, 249, 1856
 Corvaja N, 12
 Costa MA, 533, 2007, 2689
 Costantini L, 74
 Costanzo MR, 3091
 Coste P, 1604
 Costeas C, 1946
 Cotton JL, 1206
 Cotton JM, 2318
 Coumel P, 845
 Couste T, 2228
 Coussement PK, 2459
 Couture D, 2582
 Covell JW, 336
 Cowan DB, I-350
 Cox D, 636
 Cox DA, 3039
 Coyne K, 648
 Crea F, 1471
 Creager MA, 1114
 Cremers B, 1218
 Cribier A, 1604
 Crijns HJGM, e57
 Crofford LJ, 820
 Croft JB, 2158
 Croft SA, 1459
 Cronin L, 269
 Crosille P, 998
 Crowe TD, 653
 Crowther M, 304
 Crystal R, 753
 Csizmadia E, 3109
 Cuccurullo F, 921
 Culley LL, 2513
 Cummins RO, e156
 Curello S, 253
 Currie RW, e123
 Cutler JA, 491
 Cutlip DE, 773
 Cutright W, 711
 Cyrus T, 1646, 1940
 Czajkowski SM, 2024
 Czernuszewicz GZ, 2188
 Dagenais GR, 522, 2295
 D'Agostino J, 1664
 D'Agostino RB, 140, 1367
 D'Agostino RB Sr, 491
 Dagum P, I-47
 Dahlöf B, 1248
 Dahm JB, 2627
 Dai M, 2615
 Daines M, 670
 Dairaku Y, 1053
 Daley GQ, 2641
 Dallapiccola B, 2809
 Daly ME, 1459
 Damaraju L, 870
 Damlakis J, 58, 893
 Dandel M, I-184
 Dangas G, 642, 1850
 Daniel WG, 1927, 2395
 Daniels CJ, 1447
 Danilov SM, 1236
 Dansky HM, 2447
 Darblade B, 1814
 Darius H, 3125
 Darville MI, 979
 Das DK, 325
 Date Y, 2034
 Daughters GT, I-29, I-47
 Davi G, 1124
 D'Averio R, I-288
 David A, 2595
 Davidson C, 406
 Davidson KW, e128
 Davidson MJ, 131
 Davidson NC, 240
 Davies JW, 2051
 Davies MJ, 1380
 Davis PH, 2815
 Davis RC, 1255
 Davison D, e119, e145
 Davison F, 1380
 Dawson JD, 2815
 de Bakker JMT, 3069
 De Bruyne B, 157, 2003, 2029, 2401
 De Cesare D, 921
 de Divitiis M, I-165
 de Faire U, 1223, 1887
 de Feijter PJ, 1779
 de Feyter PJ, e10, e53
 de Gasparo M, 2716
 de Groot JR, 3069
 De Groot P, 928
 de Groote P, I-41
 de Jaegere P, 1343, 1761
 de Jong E, 648
 de Jong JW, 1140
 de Jonge H, 275
 de Keijzer MH, 1236
 De Keulenaer GW, 3137
 de Kleijn D, 91
 De La Guardia B, 620
 de Lemos JA, e8
 De Leon H, 1591, 2459
 De Pasquale G, 928
 De Ponti R, e30
 De Quattro V, 1248
 De Scheerder I, 1059
 de Simone G, 1248
 de Smet BJGL, 91
 de Talancé N, I-197
 de Valk V, 2289, 2689
 De Winter H, 157
 Deantfield JE, I-165
 Dearani JA, I-133
 Dechend R, 576
 Deckelbaum LI, 163
 DeClerck F, 2331
 Deeb GM, e85
 DeFranco AC, 263
 Degaute JP, 1809
 DeGroff CG, 908, e106
 deGroof RC, 1464
 DeGroot PJ, 796
 Deinum J, 1236
 Dekkers D, 275
 Deklunder G, I-41
 del Monte F, 330, 1424
 del Nido PJ, I-350
 Del Tatto M, 594
 Delacretaz E, 664
 Delahaye N, 2911
 Delforge J, 2911
 Deloche A, I-8, I-12
 DeMaria AN, 1550
 DeMayo FJ, 826
 Demer LL, 1881
 Demolombe S, 3081
 den Boer A, 1779, 2236
 Deneff J-F, 461
 Denktas AE, 412
 Denollet J, 2018
 Derksen R, 3069
 Derom C, 1633
 Desnos M, 756
 Després J-P, 2295
 DeVault AR, e55
 Devaux Y, I-197
 Devereux RB, 1248
 DeVoe MC, 1905
 DeVries JJ, 2358
 Devuyt G, e24
 Dewey TM, I-99
 DeYoung MB, 1972
 D'hooge J, 1059
 Di Bari M, 1923
 di Bernardo D, e80
 Díez J, 286
 Di Gioia C, 2539
 Di Mario C, 12, 1343
 Di Minno G, 1124
 Diaz J, 1255
 Dib N, 1917
 Dicandia C, 2539
 Dichek DA, 1972
 Diedrich A, 2932
 Dienesch C, 1844
 Diephuis JC, 1761
 Dietrich T, 480
 Dietz R, 576, e32, 2088
 Diez J, e38
 Digilio MC, 2809
 Dijkman B, 1023
 Dilawar M, e41
 Dillenseger J-L, e134
 Dilly KW, 688
 Dimitriou P, 893
 Dimmeler S, 2182, 3023
 Dinanian S, 2911
 Dinunno FA, 1627
 Ding J, 3026
 Ding Y-A, 1501
 Dinkelborg LM, 480
 Dirsch O, 928, 2791
 Dobrev D, 2551
 Dobrucki LW, 1884
 Dodani S, 2253
 Dodd SJ, 934
 Dodt C, e161
 Doehner W, 544
 Doerfel C, 2551
 Doevendans PA, 1419, 3014
 Dohmen KM, 3145
 Doi K, I-325
 Dolara A, 2517
 Doll N, I-54
 Dollé F, 2911

- Donald A, I-165
 Donateo P, 2045
 Dore C, 783
 Dorian P, 1544
 Dorn GW II, 9
 Dorostkar PC, 1933
 Dorros AM, 2057
 Dorros G, 2057
 Dorup I, e100
 Doucet M, 773
 Doucet S, 2029
 Dracup K, 1577
 Draoui Y, 648
 Driscoll EM, 820
 Duboc D, I-223
 Ducimetière P, 756
 Duda SH, 480
 Dudley RA, 2155
 Duebener LF, I-260, I-350
 Duffy SJ, 151
 Dugi KA, 3057
 Dulak J, e48
 Dunbar-Masterson C, I-138
 Dunster C, 2967
 Duplain H, 342
 Durand J-B, 2188
 Durante W, 2710
 Durieux M, 2582
 Durning SM, I-159
 Duru F, 848
 Dushe S, I-270
 Duytschaever M, 957
 Dvorak HF, 115
 Dykstra G, 2778
- Eagle KA, 263, e85
 Eales-Reynolds L-J, 1905
 Easley KA, 310
 Eaton GM, e79
 Eber B, e82, e100, e151, e164
 Eberli FR, 2012
 Ebibara A, 1964
 Ebrahimian T, 2649
 Echeland D, 2051
 Echigo S, 1513
 Eckel R, 1694, 1869
 Eckhart AD, 2069
 Eda S, 145
 Edelman ER, 600, 2509, 3121
 Edgerton J, I-99
 Edmundowicz D, 2679
 Edwards NM, I-177
 Edwards S, I-16
 Effron MB, 870
 Egashira K, 376
 Eggertsen G, 1223
 Egido J, e34
 Egli M, 342
 Egred M, e153
 Eid K, 1693
 Eijisman L, 1140
 Eisenberg MS, 2513, 2699
 Eisenberg PR, 399
 Eizirik DL, 979
 Elhendy A, I-314
 Elisaf MS, e146
 Ellegala D, 2582
 Elliott MD, 563
 Elliott PM, 1380
 Ellis SG, 992, 1609, 2685
 Ellison RC, e72, 1367
 Elmalec VI, 2447
 Elosua R, e58
 El-Shafei M, 325
- Eltchaninoff H, 1604
 Emani SM, 131
 Emoto N, 1165, 1746
 Enders G, I-336
 Endo M, I-76, 2164
 Engel D, 2273
 Engelhardt S, 2602
 Engelmann L, 442, 2533
 Engelstein ED, 486
 English KM, e146
 Enjyoji K, 3109
 Enriquez-Sarano M, I-1
 Entman ML, 317, 676
 Epstein LM, 3010
 Epstein SE, 115
 Equils O, 3103
 Erbel R, 1682
 Eriksson U, 358
 Errazquin F, 2045
 Ertl G, 982, 2503
 Escande D, 3081
 Escargueil-Blanc I, 1814
 Eskafi S, 2395
 Estrera AL, 2938
 Eto H, 1407
 Euler DE, 887
 Evans AJ, 2710
 Ewert R, I-184
 Ewy GA, 2465
 Exeni A, 2558
 Exner DV, 1489, 1564
- Fabiani JN, I-8, I-12
 Facchini M, e87
 Fagard R, 1633
 Fahrenbruch CE, 2699
 Falco A, 1124
 Falk RH, 1594
 Falk V, I-54, I-202
 Fallon JT, 2447
 Falotico R, 1188, 2007
 Fang JC, 1114, 2558
 Faranesh AZ, 1214
 Farb A, 473
 Farine D, 515
 Farmer JA, 676
 Farré J, 1822
 Faure E, 3103
 Faxon D, 1210
 Fayad ZA, 249
 Fazia M, 921
 Fazio S, 2820, 3076
 Fearon WF, 1917
 Fechner H, 275
 Fedderly RT, I-148
 Feghali S, e65
 Fehm HL, e161
 Felberg RA, 1799
 Feld GK, e57
 Feldman A, 2679
 Feldman AM, 1094, 1147, 2492
 Feldman MD, 779
 Feldman T, 1917
 Felix GL, 2803
 Felkin LE, I-233
 Feng DL, 140
 Feng Q, 700
 Feng Y, 1147
 Ferguson JJ III, e111
 Ferguson MS, 2051
 Ferland P, 594
 Fernandez-Avilés F, 2689
 Ferrari M, e74, 1129, 2784
 Ferrari R, 253
- Ferraro A, 191
 Ferri R, 1506
 Ferrucci L, 1923
 Ferry G, 750
 Ficarra E, 2539
 Fichtlscherer S, 3023
 Fiebelor A, 576
 Fiehn W, 3057
 Fieno DS, 2412
 Figulla HR, e74, 1129, 1343, 2784
 Filardo S, e55
 Filsoufi F, I-68
 Fiore L, 120
 Fioretti PM, I-314
 Firstenberg MS, I-330
 Fischell TA, 2358, 2388
 Fischer S, 1280
 Fishbein GA, 227
 Fishbein MC, 3103
 Fisher E, e130
 Fisher EA, e73, 2447
 Fisher NG, 2704
 Fishman GI, 1194
 FitzGerald GA, 1940
 Fitzgerald P, e55, 380, 1320, 1917
 Fjeld JG, e97
 Flacke S, 1280
 Flavell C, e89
 Fleck E, 442, 2533, 3026
 Fleg JL, e58, 1694
 Fleming T, 1742
 Flesch M, 2273
 Fletcher GF, e58, 1694
 Floras JS, 2194
 Flores KQ, I-68
 Fogelman AM, 2386
 Fogo AB, 839
 Foley DP, 2689
 Folsom AR, 19
 Folts JD, e130
 Fontanelli A, e40
 Forbess JM, I-127
 Force TL, 330
 Ford I, e104
 Foreback C, 1483
 Forestier N, 1218
 Forman SA, 2660
 Foroudi F, 815
 Forrester JS, 2660
 Fortes J, 1822
 Foucher C, I-41
 Fowler VG Jr, 1029
 Fox KAA, 2177
 Fraccarollo D, 982
 Francis DP, 544, 2324
 Franke A, e32
 Franke TF, 330
 Franklin SS, e128, e160
 Frantz S, 2260
 Frazier OH, I-81, 2923
 Frederick B, 163
 Frederick PD, 2300
 Freedland KE, 2024
 Freedman B, e19
 Freedman M, 2641
 Freeman DJ, e104
 Frei B, 151
 Frelin C, 3137
 Frelinger AL III, 1374
 French BA, 2838, e110
 Freyssinet J-M, 2182
 Friedland GW, 2758
 Friedman LM, 491
- Friedman PA, 1023
 Friedrich MG, e32
 Friehs I, I-350
 Frisbee SJ, I-148
 Friso S, e164
 Froehlich J, 473
 Froelicher VF, 1694
 Froland SS, e97, 1494
 Frostegård J, 1887
 Frustaci A, 168
 Frye C, 1094
 Fsihi A, 497
 Fu Y, 2653
 Fuchs S, 115
 Fuchs LM, 380
 Fuhrhop RJ, 1280
 Fujii T, I-218
 Fujino T, 2210
 Fujio Y, 979
 Fujita M, 2948, I-325
 Fujiyama S, 1046
 Fukaya T, 1773
 Fukuda M, 1964
 Fukuda N, 1639
 Fukumoto Y, 2525
 Fukushima T, 705
 Fukuya H, 1746
 Funamoto M, 979
 Funck-Brentano C, e81
 Funder J, 467
 Fung K, I-218
 Funk CD, 1646
 Funke H, 1158
 Furberg CD, e5, e95, 1923
 Furlan R, 2932
 Furlanello F, e58
 Furman ML, 1374, 1533
 Fuse K, 1098
 Fuster V, 249, e47, 1577
 Fuzellier J-F, I-12
- Gaasch WH, 779
 Gabel SA, 2453
 Gabriel S, 2641
 Gaburjakova J, 2843
 Gaburjakova M, 2843
 Gaffney FA, 346
 Gaffney PJ, 1280
 Gagnon C, 939
 Gagnon M, e161
 Galliñanes M, e36
 Galis ZS, 1878
 Galle J, 1767
 Galli M, e163
 Gallimore JR, 145
 Galuppo P, 982
 Ganz P, 1114, 2558
 Garcia E, 636
 Garcia MJ, I-330
 Garcia R, 1822
 Garcia-Civera R, 1261, 2045
 Garcin I, I-223
 Garlachs CD, 2395
 Garvey JL, e125
 Gaspardone A, 1471
 Gastmann O, e74, 1129, 2784
 Gattobigio R, 2039
 Gaudino M, I-64
 Gaughan JP, 1012, 1241
 Gauvreau K, 682
 Gaw A, 3052, e104
 Gaziano JM, 393
 Gazmuri RJ, 234
 Gebre-Medhin S, 358

- Geenen D. 2216
 Gehman S. e23
 Gehrman J. 2734
 Geiger E. 2565
 Gejyo F. 1098
 Geller NL. 2660
 Gelzer-Bell R. 2369
 GeneQuest Investigators
 Collaborators. 2641
 Genest J Jr. 1978
 Gent M. 74. 1622
 George AL Jr. 1200
 George BS. 870
 George J. 1646
 George SE. 1526
 Georgiadis D. 2694
 Gepstein L. 1005
 Gerber BL. 998
 Gerckens U. 2436
 Gerdes N. 1899
 Gerrits WBJ. 762
 Gertz BJ. 2280
 Geva T. 682
 Ghali JK. 779. e81. 2417
 Ghanem RN. 1299. 1306
 Ghazzi M. 2417
 Gheorghiadu M. 563
 Ghini AS. 1471
 Ghostine S. I-223
 Giada F. 1261
 Giannattasio C. 1385
 Giannitsis E. 630
 Giannotti A. 2809
 Gibbons RJ. 2778
 Gibbs JSR. 1326
 Gibler WB. e125
 Gibson CM. 2632. 2778
 Giesler M. e117
 Gilard M. 1604
 Gilchrist IC. 406
 Giles WH. 2158
 Ginsberg J. 74
 Giofrè PA. 1471
 Giovannucci E. e99. e149
 Gisellu G. 461
 Giugliano D. e34
 Giugliano RP. e8
 Givertz MM. e14
 Gladwin MT. 1506. 2905
 Glanowska G. 39
 Glantz SA. 810
 Glassman M. 1399
 Glatler KA. 1933
 Gleason K. 2363
 Gleaves LA. 2820
 Glieda F. I-64
 Glogar D. 1005
 Glover DK. 1181
 Glynn RJ. 393
 Go AS. 2300
 Gobel FL. 2660
 Godinez RI. I-159
 Goepfert C. 3109
 Goeree R. 1622
 Gokce N. 151
 Goldberg JJ. e73. e130
 Goldberg S. e142
 Goldbourt U. 2892
 Goldhaber SZ. 2876
 Goldmuntz E. 2565
 Goldstein MR. e5
 Gollob MH. 3030
 Gollob TN. 3030
 Gomes JA. 436
 Gómez AM. 688
 Gomez C. e121
 Gómez-Gerique J. e34
 Gonzáles JH. 2689
 Gonzales O. 3030
 González A. 286
 Gonzalez MD. 550
 Gonzalez O. 2188
 González-Fernandez F. 1822
 Goodall S. 304
 Goodman RB. 2228
 Goodman S. 2653
 Goodyear LJ. 1664
 Goppelt-Strube M. 2395
 Goran H. e64
 Gordon EP. 515
 Gori T. 1119. 2263
 Goso Y. 418
 Gosselin H. 939
 Goto J. 1831
 Gottlieb WM. e41
 Gotto A. 1577
 Gotto AM Jr. e47
 Götz O. 3125
 Gould KL. 2401
 Gourlay SG. 2778
 Gourtsoyiannis N. 58. 893
 Grace AA. e146
 Grady D. 2300
 Graf E. 2551
 Graff E. 2892
 Grande JP. 215
 Grandmougin D. I-41
 Granger CB. 1229. 2653. 2772
 Gray RA. 1313
 Grebe O. e117
 Greenberg NL. I-330
 Greenfield RA. 1029
 Greenland P. 1863
 Greenwood JP. 2200
 Gregorich JM. 2188
 Greulich PE. I-265
 Greschniok A. 480
 Gretler D. 399
 Griendling KK. 1591
 Grieve DJ. 2967
 Griffin BP. 2205
 Griffin J. 636
 Griffin KL. 1393
 Griffith BP. 934. I-81
 Grimm M. I-171
 Grines CL. 636. 3039
 Grobbee DE. 1761
 Grocott-Mason RM. 2318
 Grohé C. 1419
 Grønholdt M-LM. 68
 Groop L. 187
 Grobher M. 717
 Grosjean S. I-197
 Gross M. 387
 Grotta JC. 1799
 Grover J. 522
 Grube E. 380. 2436. 2791
 Grundy SM. 491. 1577. 1863
 Grünenfelder J. I-202
 Gu J-L. 2588
 Guardasole V. 3076
 Guatimosin S. 688
 Gubernikoff G. 1101
 Guerci AD. 1229
 Guerra-Riccio GM. 1792
 Guerrero JL. 1952. 1958
 Guerrero R. 2975
 Gugliotta F. 2539
 Guijarro C. e127
 Gulba D. 576
 Guldner NW. 717
 Guliernos V. I-102
 Gullestad L. e97. 1494
 Gulletta S. 2539
 Guo Y. 325
 Gupta K. e12
 Gupta SN. 1214
 Guralnik JM. 1923
 Guth A. 1218
 Gutstein DE. 1194
 Guyon P. 1604
 Guyton RA. I-296
 Guzik TJ. 1526
 Gwathmey JK. 1424. 2615
 Gyöngyösi M. 1005
 Gyurko R. 448. 2391
 Ha J-W. 976
 Haase A. 2182. 2602
 Hack CE. e46
 Hacke W. e76
 Hadamek K. 2602
 Hadoke PWF. 2832
 Hafley GE. 436
 Hafner G. 25. 1336. 3125
 Hagège AA. I-223
 Hahn D. 2503
 Hahn RT. 1248
 Hahn S. 442. 2533
 Hajjar R. 448
 Hajjar RJ. 330. 1424
 Hála O. 2551
 Halestrap AP. 729
 Haley JH. e71
 Halimeh S. 1757
 Hall WJ. 557
 Haller H. 576
 Haller SD. 2358
 Hallstrom A. e148
 Halperin HR. 723
 Hamaoka I. I-241
 Hamasaki N. 2883
 Hambrecht R. 2917
 Hamm CW. 1454. 2767
 Hammill SC. 1023
 Hamner J. e161
 Hampton KK. 1459
 Hamsten A. 1223. 1887
 Han F. 448
 Han H. 2645
 Han J. 2082
 Han W. 2095
 Hanawa H. 1098
 Hancock WW. 2558
 Hand MM. 1212
 Handa N. I-241
 Handschumacher MD. 1952. 1958
 Hanrath P. 2430
 Hanratty CG. e83
 Hansen JE. 429
 Hansson GK. 197
 Hara A. 1176. 2210
 Hara M. 1837
 Harada E. 137
 Harada M. 137
 Harada N. 1171
 Haramaki N. 2478
 Harats D. 1646
 Harding JD. 1241
 Hare JM. 1868. 2407
 Harel F. 2029
 Harrington RA. 399. 2772
 Harris KR. 2412
 Harris PA. 2932
 Harrison DG. 2638
 Hart CYT. 215
 Hart TK. 2588
 Hartevelde MS. 2236
 Hartiala JJ. 2943
 Hartmann F. 630
 Hartner A. 1436
 Hasebe N. 455
 Hasegawa K. 2948
 Hasegawa S. 1513
 Hasenkam JM. I-29
 Hashimoto H. 63
 Hashimoto M. 281
 Hasty AH. 2820
 Hatsukami TS. 2051
 Hatsuoka S-i. I-260
 Hattler B. I-81
 Hauer RNW. 3069
 Hauser R. 986
 Hausmann D. 387
 Havaux X. 461
 Haverkamp W. 1158
 Hayase M. 203
 Hayashi S-i. 1188
 Hayashi T. 376
 Hayashidani S. 134. 2883
 He G-W. I-344
 He K-I. 2843
 He T. 2057
 Heagerty AM. 2595
 Heart Outcomes Prevention
 Evaluation (HOPE)
 Investigators. 1615
 Hecht HS. e58
 Hedde C. 729
 Hedjbeli S. 2412
 Heer C. e101
 Heerdt PM. 670
 Heesch C. 2767
 Hehrlein C. 2358
 Heidenreich JW. 2465
 Heidland UE. 1477
 Heimann A. 3125
 Heimbürger M. 1887
 Hein L. 2602
 Hein TW. 1749
 Heiss G. 1108
 Heit J. 74
 Heitzer T. 2673
 Heldman AW. 1868
 Helft G. 249. e124
 Heller PF. 473
 Hellstrom HR. e9
 Helmy A. 2177
 Hemingway DM. 304
 Henderson PC. 1255
 Hendrix GH. 2417
 Hennan JK. 820
 Henneke K-H. 1343
 Hennen B. 1218
 Henry P. 588. 2649
 Her J-H. 2569
 Herd JA. 2660
 Herkert O. 2826
 Herman M. 1899. 2331
 Hermansen F. 2305
 Hernandez I. 1850
 Hernandez-Pampaloni M. 527
 Hernández-Presa MA. e34
 Herrington DM. 499. 1332
 Hersbach F. 2401
 Herscovitch P. 1506
 Hertzberg J. 908
 Herzka DA. 1214

- Hess OM, 928
Hetzler R, 275, 1-184, 1-192
Heyer G, 2689
Heymes C, 2318
Heyndrickx GR, 157, 2003, 2401
Hickenbottom SL, 1799
Hickey A, 2660
Higgins CB, 2363
Hilfiker PR, 1083, e154
Hilgers KF, 1436
Hill CC, 109
Hill JA, 1657
Hill M, 694
Hill MN, 1214
Hill R, 128, 2188, e165
Hillier C, 1805
Hills CB, 1-143
Hilton D, 2029
Hilwig RW, 2465
Himmel HM, 2551
Hinderliter AL, 508
Hindricks G, 297
Hirai T, 418
Hiraoka K, 2344
Hirata Y, 1964
Hiroi Y, 97, 102
Hirota H, 979
Hirota Y, 1430
Hirsch AT, e76
Hirsch GM, 1-92, 1-115
Hirsch K, 1-115
Hirshman MF, 1664
Hlatky MA, 2155
Ho C, 934, 945
Ho KKL, 773
Hobbs RE, 653
Hoelscher T, e24
Hoffmann J, 2182
Hoffner E, 234
Hofstra L, 2545
Hokamura Y, 1268
Holbrook M, 151
Holland SM, 79
Hollenberg SM, 3091
Holm P, 2576
Holmes DR Jr, 627, 1609
Holmes JW, 670, 1-229
Holoch PA, 181
Holtz J, 1767
Hombach V, e117
Hon JFK, 1-16
Honda O, 1268
Honda Y, 380
Hoogwerf BJ, 2660
Hori M, 63, 705
Horiuchi M, 2716
Horn M, 1844
Horne BD, e20
Horstick G, 3125
Horstick M, 3125
Horton DB, 1899
Horvath KA, 1-81
Horwitz LD, 2222
Horwitz MA, 2222
Hoshi T, 3109
Hosoda H, 1430, 2034
Hosseinpour AR, 1-59
Hotz H, 1-270
Hougaku H, 63
Houghtaling PL, 2772
Houghton JL, e6
Houser SR, 1012, 1241
Housmans PR, 215
Houtsmuller AB, 275
Howard BV, 1869
Hoylaerts M, e109
Hoyt EG, 1-202
Hozawa A, e160
Hruban RH, 2369
Hsia CCW, 963
Hsieh M-H, 1501
Hsu PH, 1-276
Hsue PY, 2635
Hsueh WA, 1255
Hu K, 2762
Hu T, 2236
Huang F-D, 1071
Huang J, 820
Huang PL, 448, 1286, 2391
Huang Q, 1399
Huang X, 2216
Hudson MP, 1229
Hueppe M, 1-21
Huerlimann S, e87
Hugel B, 2182
Hugenholz PG, 533
Hoher M, e117
Hummel A, 2627
Hummel M, 1-184
Hungerer K-D, 914
Hunninghake DB, e5, e95, 2660
Hunt BE, e161
Hunt D, 269
Hurel-Merle S, 750
Hurst JW, 2630
Hutten BA, e150
Hutter D, 2012
Huvelte E, 3026
Huybregts MAJM, 1140
Huyh TTT, 2938
Hwang C-W, 600
Iacopino S, 191
Iba O, 1046
Ichihara S, 346
Ichikawa A, 1176
Ichikawa K, 134
Ichiki T, 346
Ide T, 134, 2883
Ideker RE, 1066, 1313
Iezzi A, 921
Iguchi A, 376
Ihlen H, e97
Ihling C, 864, 914
Ikeda H, 2478
Ikeda K, 1746
Ikeda U, 1670, e150
Ikeda Y, 1053, 1430
Ikenoue N, 1773
Imai T, 1964
Imai Y, 1964, e160
Imaizumi T, 1046, 2478
Inagaki K, 606
Inagaki M, 2277
Inagami T, 346
Ingels NB, 1-29
Ingels NB Jr, 1-47
Inglese L, 1-288
Inoue H, 418
International Study on Syncope
of Uncertain Etiology (ISSUE)
Investigators, 2045
Irfala K, 2943
Irving SD, 746
Ishida H, 1430
Ishiguro H, 2820
Ishikawa K, 1831
Ishikawa T, 1964
Ishiki R, 658
Ishise H, 418
Ishiwata S, 1639
Ishizuka N, 1-282
Isles C, e104
Isobe H, 1171
Itabe H, 1831
Itescu S, 1-177
Ito T, 137, 373
Ivanitskaja EA, 1-192
Ivy DD, 908
Iwai M, 2716
Iwai-Kanai E, 2948
Iwakura A, 1-325
Iwamoto H, 1053
Iwanaga Y, 606
Iwao H, 1274
Iwasaka T, 1046
Iwase M, 658
Iwatate M, 1053
Iyama S, 63
Iyer S, 1850
Iyer SS, 1999, e121
Iyisoy A, 653
Izawa H, 658
Izhar U, 1-133
Izumi M, 979
Jackman WM, 550
Jacob G, 2932
Jacobs A, 1577
Jacobs DR Jr, 19
Jacobsen G, 1483
Jacques PF, e164
Jadhav PP, 1367
Jaeger J, 2007
Jaff MR, 2057
Jaffe AS, e125
Jaggers J, 131
Jaillon P, e81
Jain M, 1594
Jamal F, 1059
Jamjoun LS, 412
Jang I-K, 2754
Janse MJ, 3069
Jansen EWL, 1761
Janssens J-L, 1809
Janssen BJ, 1419
Jartti L, 2943
Järvisalo MJ, 2943
Jayakumar J, 1-246, 1-303
Jennings LK, 399, 406
Jennings RB, 2981, 3158
Jensen-Urstad K, 1887
Jeremias A, 1917
Jermann M, 1693
Jessen ME, 1-265
Jiang T, 588
Jiang W, 2588
Jiménez A, 1822
Jin D, 1274
Jin XY, 970
John R, 1-177
John S, 2395
Johansson E, 729
Johnson AK, 903
Johnson MR, 3091
Johnson RL Jr, e131
Johnstone D, 1615, 1-92
Jokinen EV, 570
Jonas BS, e128
Jonas RA, 1-127, 1-138, 1-152,
1-260
Jones D, 1577
Jones DL, 700
Jones JM, 131
Jones JR, 2838
Jones PP, 2424
Jonitz B, 1-192
Jordan J, 2424
Jordan JE, 1413
Jordan RE, 870
Jorenby DE, e51
Joseph DM, 399
Josephson ME, 436, e92, 1153
Joshi N, 670
Jourdan KB, 790
Jouven X, 756
Jozkowicz A, e48
Ju K-H, 1964
Juan S-H, 1519
Juchem G, 1-108
Judd RM, 1101, 2412
Julian J, 74
Jung DK, e24
Jürgens G, 1814
Kabbani SS, 181
Kadipasaoglu KA, 1-81
Kadokami T, 1094
Kaieda H, 1407
Kaikita K, 839
Kakoki M, 1964
Kalaria VG, 2384
Kalsi KK, 1-246
Kameyama K-i, 1-282
Kameyama T, 418
Kamihata H, 1046
Kamuya K, 951
Kanaya S, 2478
Kanderian A, 2886
Kanedo Y, 2344, 1-207, 1-308
Kanellakis P, 467
Kaneski C, 1506
Kanev A, 1-54
Kang D, 2883
Kangawa K, 1430, 1964, 2034
Kannel WB, e128
Kanno S, 934, 945
Kano H, 376
Kaplan AL, e125
Kaplan R, 2171, 3034
Kaplan S, 310
Kapoor A, 563
Kappert U, 1-102
Kapuku G, 939
Karagueuzian HS, 227
Karar RH, 2256
Karhunen PJ, 876
Karibe A, 2188
Karim Y, 145
Karim M, 1657
Karl M, 2395
Karsch KR, 387
Kasanuki H, 1-76, 2164, 1-282
Kashyap AS, e103
Kashyap S, e103
Kaski JC, 746
Kasprzak P, e24
Kass DA, 1464, 2407
Kassab GS, 2351
Kassel NF, 2582
Kastrati A, 1135
Katagiri T, 16
Kataoka K, 606
Kather H, 3057
Kato M, e119, e145
Katoh H, 2961
Kattenhorn M, 1-165

- Katus HA, 630
 Katz RJ, 3168
 Katz SD, e119
 Katz SE, 1447
 Kaufman DB, 563
 Kaul S, 2376, 2471, 2498, 2582, 2704, 3103
 Kaul U, 802
 Kawabe J-i, 455
 Kawada T, 2277
 Kawaguchi M, 1464
 Kawakami H, 1964
 Kawamura K, 1831
 Kawamura S, 1053
 Kawana M, I-282
 Kawara T, 3069
 Kaya Z, 3145
 Kazmi K, 2253
 Keaney Jr JF, 151, 1571
 Kearney M, 1754, 2318, 2576
 Keating MT, 1071
 Keelan MH, 1850
 Keelan PC, 412
 Keevil J, e130
 Keiper T, 3057
 Keisling GA, 2424
 Kelder JC, e150
 Kellar RS, 2063
 Keller N, 292
 Kells CM, 515
 Kelly A, 3052
 Kelly FJ, 2967
 Kelly RA, 2260
 Kelly S, 1119, 2194
 Kemény V, e24
 Kempiski O, 3125
 Keng FYJ, 527
 Kenn W, 2503
 Kent KM, 856, 3020
 Kenyon CJ, 2832
 Kereiakes DJ, 163, 870
 Kern KB, 2465
 Kern MJ, e43, 1917
 Kerwin WS, 2051
 Kessler KM, e8
 Kestler HA, e117
 Keung E, 1933
 Khaghani A, I-233
 Khalife K, 1604
 Khan H, 664
 Khan M, I-303
 Khan SA, e128
 Khattar RS, 783
 Khorsand A, 1005
 Kiechl S, e99
 Kiess MC, 515
 Kihara T, 1407
 Kihara Y, 606, 2948
 Kikuchi K, 455
 Kikuchi S, 373
 Kilbride M, 1899
 Killian M, 957
 Kilner PJ, I-16
 Kim C, 2699
 Kim D, 2338
 Kim RJ, 1101, 2412
 Kim S, 1274
 Kimbrough J, 557
 Kimmel SE, 1894
 Kimoto M, 2569
 Kimura M, 1053
 Kimura Y, 1268
 King SB III, e69
 King J, I-276
 King MA, 1447
 King SB III, 2459
 Kingston PA, 2595
 Kinlay S, 1114
 Kinsara AJ, e44, e45
 Kiortsis DN, e146
 Kipshidze N, e19, e55, 1850
 Kirchhof N, 2436
 Kirkels H, 3069
 Kirschenlohr HL, e146
 Kishimoto T, 979
 Kitagawa K, 63
 Kitakaze M, 705
 Kitt MM, 406
 Kjekshus J, e97, 3046
 Klapproth P, 717
 Kleber FX, I-270
 Klebingat K-J, 2627
 Kleiman NS, 399, 406, 870, 2767
 Klein G, 1622
 Klein GJ, 46, 1564
 Klein LJ, 1140
 Klein LW, 3091
 Klein MA, 257
 Klibanov AL, 2107
 Kline-Rogers E, 263
 Klingensmith JD, 653, 2874
 Klocke FJ, 2412
 Kloet J, 91
 Kloner RA, 2981, 3158
 Klöpping C, 2728
 Klugherz BD, 1188
 Klüter H, I-25
 Knackstedt C, 2430
 Knatterud GL, 2660
 Knight R, 253
 Knowlton AA, 209, e123
 Knudtson M, 648
 Ko Y-S, 3152
 Kobayashi J, 860
 Kobayashi T, 860
 Kobeissi ZA, 2407
 Kober L, 292
 Koch W, 1135
 Koch WJ, 131, 2069
 Kocher A, I-177
 Kodama I, 951
 Kodama M, 1098
 Kodani E, 694
 Koehler JL, 796, 887
 Koerner MM, 676
 Koh H, 2034
 Kohl T, 1757
 Kohmoto O, 102
 Kohout TA, 2485
 Kojima M, 1430, 2034
 Kojonazarov B, 424
 Kolarova JD, 234
 Kolodgie FD, 473
 Komeda M, I-241, I-325
 Komuro I, 97, 102
 Kondo K, 1274
 Konertz WF, I-270
 König J, 1218
 Koning R, 1604
 Konstam MA, 2280, 2417
 Kooner JS, 145
 Kopelen HA, 317
 Kopia G, 1188
 Kapiwoda S, 203
 Koransky ML, I-202
 Korcarz CE, 352
 Koren-Morag N, 2892
 Korley VJ, 1153
 Kormos RL, 1147
 Kornowski R, 115, 642
 Kors JA, 3087
 Kosaki A, 1046
 Koschik DH, 387
 Kosoglou T, 406
 Kotelevtsev YV, 2832
 Kottkamp H, 297
 Kottke-Marchant K, 2641
 Kouz S, 522
 Kowey PR, e66
 Kown M, I-202
 Koyanagi H, I-76, I-282
 Kozuma K, 2007
 Kraft P, 263
 Krahn AD, 46
 Kramer CM, e3, e110
 Kramer P, e55
 Kramers C, 1236
 Krams R, 91, e53
 Krasinski K, 1754
 Krause U, 2503
 Krauss RM, 1577
 Kreuzer J, 387, 3057
 Krick S, 1557
 Krieger DW, 1799
 Krieger EM, 1792
 Krimer AC, 1651
 Krohn K, 2673
 Kronzon I, e59
 Krueger LA, 1374, 1533
 Kubo H, 1012
 Kubo T, 2194
 Kudo T, 527
 Kudoh S, 97, 102
 Kuehl HP, e101
 Kuehne T, 2363
 Kuhl H, 2826, e32
 Kuhlencordt PJ, 448, 2391
 Kuhlkamp V, e102
 Kukulski T, 1059
 Kulecki K, 157
 Kuller LH, 2679
 Kumar A, 1588
 Kumar M, 802
 Kumar RR, I-265
 Kumar S, 1292
 Kunicki TJ, 1451
 Kunisada K, 979
 Kuntz RE, 773, 2620, e121
 Kuo L, 1749
 Kurihara H, 1964
 Kurihara S, 1639
 Kurihara Y, 1964
 Kurrelmeyer KM, 826
 Kurth CD, I-159
 Kurz HI, 539
 Kussmaul WG, 1019
 Kutschke W, 1657
 Kuwahara K, 137
 Kuwaki T, 1964
 Kuzawa CW, 1034
 Kuzuya T, 705
 Kyndt F, 3081
 Kyo S, 860
 La Vecchia C, 2269
 Labinaz M, 399
 Labuggerc R, e26
 Lacour-Gayet F, I-121
 Lafitte S, 1550
 Lagi A, 2694
 Lagrand WK, e46
 Lahiri A, 783
 Lai DT, I-29, I-47
 Lai WW, 310
 Lai Y-J, 3152
 Lakatta EG, 1464
 Lallemand F, 750
 Lamarche B, 2295
 Lambert C, 939
 Lambert V, I-121
 Lambrew CT, 2778
 Lamers J, 275
 Lamm P, I-108
 Landeen LK, 2063
 Landmesser U, 2638
 Landolfo KP, I-81
 Lang RM, 352
 Lange M, e24
 Langenbach R, 2453
 Langrall MA, 870
 Lanone S, 3137
 Lansing AM, I-81
 Lansky AJ, 636, 642
 Lanza GM, 1280
 Lanzarotti A, 1385
 Lapointe N, 2075
 Lappegård KT, 1494
 Lardo AC, 723
 Larman M, 286
 LaRosa JC, 1668
 Larson MG, 140, e128
 Lasala J, 539, e68
 Laskey WK, 1019
 Latchman D, 253
 Latham P, I-265
 Latif N, I-233, I-303
 Latson LA, 711
 Lauer B, 2917
 Lauer MA, 2772
 Lauer MS, 992, 1911, 2205
 Lauer RM, 2815
 Laufer G, I-171
 Laughlin MH, 1393
 Laurat E, 197
 Lavigne MC, 79
 Lazzara R, 550
 Le DE, 2471
 le Feuvre C, e124
 Le Guludec D, 2911
 Le Louer V, 648
 Le Marec H, 3081
 Le Tourneau T, I-41
 Leaf A, 744
 Leape LL, 2898
 Leavitt M, 2797
 Lebeche D, 1424
 Lecchi A, 2442
 Lederer WJ, 688
 Lee A, 74
 Lee I-M, 393
 Lee JC, 1292
 Lee K-H, 330
 Lee KL, 436
 Lee M-H, 227
 Lee PC, 934, 945
 Lee RJ, 1933
 Lee RT, 109, 1286, 1441, 1670
 Lee S-H, 1501, 3152
 Lee T-S, 1519
 Lee Y-k, 3116
 Lee Y-N, 3152
 Lee Y-T, 588
 Leeson P, I-165
 Lefèvre T, 1604
 Lefkowitz RJ, 2485
 Leger JP, e123
 Legrand VMG, 533
 Lehmann MH, 32

- Lehr H-A, 914
 Lehrke S, 630
 Leiboff B, 856
 Leip EP, e128
 Lele M, 582
 Lemster B, 1094
 Lenfant C, 1210
 Leng CT, 723
 Leon AS, 1694
 Leon HD, 2228
 Leon MB, 642, e19, 1188, 1850, 1999
 Leong-Poi H, 2582, 2704
 Lepori M, 342
 Lerman BB, 486
 Lerner-Marmarosh N, 1399
 Lesèche G, 1598
 Leskosek B, 928
 Lespérance J, 2029
 Leto TL, 79
 Leung TK, 2608
 Leunissen JDM, 2722
 Levendag PC, 2236
 Levi M, 3063
 Levin IW, 2905
 Levine BD, 1350, 1358
 Levine RA, 1952, 1958
 Levkovitz H, 1646
 Levy BI, 735
 Levy D, 140, 1367, e128
 Lewandowski ED, 1424
 Ley K, 2107
 Li C-Y, 2762
 Li D, 1588, 2095, 2188, 2608
 Li F, 2101
 Li J, 2447
 Li J-M, 2967
 Li L, 330
 Li P, 2088
 Li R-K, I-218
 Li X, 358
 Li YY, 1147, 2492
 Li Z, 2716
 Liang D, I-29, I-47
 Liao R, 1594
 Liao Y, 705
 Libby P, 109, 365, 1899, 2266, 2525
 Lichtenstein SV, 2689
 Liebson PR, 779
 Lien E, e97
 Lietz K, I-177
 Lighthart J, 2236, e10, e53
 Lim E, I-59
 Lim PO, 511
 Lima JAC, 998, 1868
 Limet RV, 533
 LIMIT AMI Investigators, 2778
 Lin C-I, 2849
 Lin C-P, 1575
 Lin F-S, 1575
 Lin M, 1071
 Lin S-F, 227, 2082
 Lin W-S, 1501
 Lin Y-K, 1501
 Lincoff AM, 163, 399, 815, 870, e83, 2685, 2772, e124
 Lindblad U, 187
 Lindeboom W, 533
 Linden J, 1181
 Lindenboom W, 2689
 Lindenfeld JA, 1742
 Lindner JR, 2107, 2471, 2582, 2704
 Lindner KH, 1651
 Lindpaintner K, 140
 Lindsey ML, 1286
 Ling LH, 976
 Linnenbank AC, 3069
 Linton MRF, 2820
 Liou J-Y, 1519
 Lip GYH, 1582
 Lipicky R, 1742
 Lipiecki J, 1604
 Lipinska I, 140, 1367
 Lipschultz SE, 310
 Lipsitz LA, e161
 Litvinova A, I-121
 Litwin SB, I-148
 Liu F, 1194
 Liu MW, e121
 Liu PP, 1076
 Liu W-H, 1575
 Liu XM, 2710
 Liu Z-G, I-344
 Livesay JJ, e12
 Llanos G, 1188
 Lloyd CT, e36
 Locati EH, 557
 Loeb M, I-192
 Loeffler BM, 864
 Lohse MJ, 2602
 Lombardi R, 2442
 Longrois D, 3137
 Lonn E, 1615
 Lonn EM, 522
 Looman M, 1236
 Loop FD, 2152
 Loos M, 3125
 Loos RJF, 1633
 Lopes HF, 1792
 López B, 286
 López-Blaya A, 1822
 López-Farré A, 1822
 Lopez-Pedraza R, 2975
 Lopez-Pujol J, 2975
 Lopez-Rubio F, 2975
 Lorell BH, 247
 Lorenz TJ, 406
 Lorimer AR, e104
 Losay J, I-121
 Loscalzo J, 1086
 Losordo DW, 1754, 2576
 Loubani M, e36
 Lowe JE, I-81
 Lowenstein CJ, 2369
 Lowenstein PR, 2595
 Lu S-C, 588
 Lu X, 700
 Lu Y, 594
 Lu Z, 951
 Lucchesi BR, 820
 Luciani GB, I-253
 Luciani N, I-64
 Luciano A, 753
 Luepker RV, 19
 Lufschanowski R, e12
 Luft FC, 576
 Luna J, 1917
 Lunde PK, 729
 Lundergan C, 648
 Luo S, 588
 Lurie KG, 1651
 Lüscher TF, 1856
 Luthringer D, 3103
 Lutucuta S, 317
 Lysko PG, 2588
 Lytle BW, I-81, 2152
 Ma H, 1176, 2210
 Ma L, 839
 Macaya C, 1343, 1609, 2689
 MacCarthy PA, 2318, 2967
 Macdonald TL, 1181
 MacDonald TM, 511
 Macé L, 497
 Macfarlane PW, e104
 Machado C, 796
 Mack MJ, I-99
 MacLellan WR, 826
 MacPhail C, 2222
 Madonna P, 1124
 Madsen MM, e100
 Madsen TE, e20
 Maehara A, 3020
 Maekawa T, 1053
 Maffert R, 1927
 Maffrand J-P, 2331
 Magari SR, 986
 Magee M, I-99
 Magorien RD, e79
 Magota K, 3132
 Maguire CT, 2734
 Magyar WA, 653
 Maier W, 928
 Maillard L, 1604
 Mairose P, I-197
 Maisel WH, 664, e50
 Major AS, 2820
 Mak S, 2194
 Malech HL, 79
 Malinski T, 1884
 Mallat Z, 1598, 2182, 2649
 Malliani A, 2932
 Mancina G, 1385
 Mancini DM, I-177
 Mancini GBJ, e5, e95
 Mangano CTM, I-276
 Manios E, 58, 893
 Manktelow BN, 898
 Mann DL, 826, 1089, 2273
 Mann JFE, 1436
 Mann KG, 2311, 2666
 Mannucci PM, 2442
 Mansour Y, e161
 Mao L, 2485
 Marasini M, 2809
 Marbán E, 2407
 March RJ, I-81
 Marchant B, 292
 Marchesani P, 1124
 Marcotte F, 515
 Margulies KB, 1012, 1241, 2273
 Marian AJ, 128, 317, e165
 Marieke de Groot SH, 2722
 Marincek B, 1083
 Marine JE, e77, 1153
 Marini M, 921
 Marino B, 2809
 Maripov A, 424
 Marks AR, 670, 852, 2843
 Maron BJ, e58, 2517
 Marso SP, 815
 Martin DO, 2886
 Martin S, 1236
 Maruyama H, 1098
 Maruyama Y, 1831
 Marx SO, 852
 Mary DASG, 2200
 Mary-Krause M, e81
 Masaki H, 1046
 Mascareno E, 325
 Mascelli MA, 163, 870
 Maseri A, 168
 Mason H, 2582
 Mason JW, 1076
 Mason NA, 424
 Massaro JM, 1367
 Mast F, 957
 Mastroberoberto P, 191
 Masugata H, 1550
 Masutani S, 860
 Mata JF, 2838
 Matarazzo M, 3076
 Maternowski M, 1850
 Matheney T, 1367
 Mather KJ, 2879
 Mathew J, 1615
 Mathiak LM, 2057
 Mathieu E, 2649
 Matic A, e156
 Matschke K, I-102
 Matsubara H, 1046
 Matsudaia K, 550
 Matsui R, 1040
 Matsui T, 330
 Matsui-Hirai H, 376
 Matsumoto K, 2344
 Matsumoto M, 63
 Matsunaga T, e48
 Matsushita N, 1407
 Matsuyama T, 1407
 Matsuzaki M, 1053
 Mattos L, 636
 Maulik N, 325
 Mauriello A, I-288
 Maxwell-Eward A, 263
 Mayer B, 3097
 Mayer I, 928
 Mayr VD, 1651
 Mazgalev TN, 832
 Mazhari R, 336
 Mazur W, 676
 Mazzone P, 2539
 Mazzucco A, I-253
 McAreavey D, 1489
 McBane RD II, e1
 McBride PE, 257
 McCabe CH, e8
 McCarthy J, 2641
 McCarthy PM, 174, 881, I-330
 McClean DR, 2318
 McConnell BK, 2734
 McCord J, 1483
 McCrindle BW, I-152
 McCulloch AD, 336
 McCullough PA, 1483
 McDonald JE, 1805
 McDonald PH, 2485
 McDougal MF, 399
 McFadden EP, I-41
 McGinnity JG, 263
 McGovern PG, 19
 McGowan FX Jr, I-350
 McGuire DK, 1350, 1358
 McKendall GR, 2778
 McKenna WJ, 1380
 McKillop JH, e104
 McLean M, 1280
 McMahon AD, 3052
 McMahon G, 2558
 McMurray JVV, 1805
 McNatt J, 2331
 McNeil BJ, 2898
 McNulty SE, e125
 McPhaden AR, 1538
 McQuillan BM, 2797
 McTiernan CF, 1094, 1147
 Mebazaa A, 3137

- Medina A, 557, 741
 Meengs WL, 263
 Mehilli J, 1135
 Mehra R, 1023
 Mehran R, 642, 856
 Mehrhof FB, 2088
 Mehta S, 269, e141
 Meier B, 928, 2012
 Meimoun P, 1-8
 Meinel L, 2602
 Meinertz T, 2673
 Meisel E, 442, 2533
 Meissner C, 3057
 Melander O, 187
 Melaragno MG, 1399
 Melin JA, 461, 998
 Meloche S, 939
 Melter M, 2558
 Members of the Sicilian Gambit, 2865, 2990
 Menasché P, 1-223
 Mendelsohn ME, 499, 2256
 Menger MD, 1-260
 Menges M, 768
 Menon T, 1-253
 Menozzi C, 1261, 2045
 Mensah GA, 2158
 Mentz S, 3057
 Mercier L-A, 515
 Mercuri M, 249, 3046
 Merlet P, 2911
 Merten M, 2955
 Mertes PM, 1-197
 Mervuola E, 576
 Messas E, 1952, 1958
 Messerli FH, e95
 Metcalfe JC, e146
 Metivier J, 2641
 Metzger JP, e124
 Mewis C, e102
 Meyer D, 128, e165
 Meyer DM, 215
 Meyer J, 25, 1336, 3125
 Meyer R, 1-184
 Mezzetti A, 921
 Michelson AD, 1374, 1533
 Mickle DAG, 1-218
 Miethke T, 1135
 Migneia I, 1-276
 Mihm MJ, 174
 Mikami S, 1053
 Mikhail GW, 1326
 Mikkelsen J, 876
 Milano CA, 131
 Millán J, e34
 Millás I, 1822
 Miller CC III, 2938
 Miller DC, 1-29, 1-47, 1-276
 Miller ME, e5, e95
 Miller NH, 1577
 Müller S, 2412
 Müller TD, e71
 Milliez P, e92, 1153
 Milz S, 1-108
 Minamino N, 1964
 Miner SES, 1119
 Miniati DN, 1-202
 Mintz GS, 856, 1320, 3020
 Mirrakhimov MM, 424
 Mischke K, 2430
 Mitchell B, 1622
 Mitchell JH, 1330, 1350, 1358
 Mitsumori LM, 2051
 Mittleman M, 140, 1367
 Miura T, 1053
 Miwa S, 1-241
 Miyano H, 2277
 Miyata M, 1407
 Miyazaki J-i, 1098
 Miyazaki M, 1274
 Mizukami M, 97
 Mizuno Y, 137
 Mizutani A, 1171
 Mochmann H-C, 2273
 Modin G, 1933
 Mohan J, 802
 Mohr FW, 533, 1-54
 Mohty D, 1-1
 Moisan J-P, 3081
 Molenschot MMC, 2722
 Molhoek P, 648
 Molierno DJ, e83, 2641, 2685, 2767, e124
 Moller JH, 1-143
 Mollnes TE, 1494
 Molloy S, 2351
 Monahan KD, 1627
 Monahan KM, e77
 Moniz M, e48
 Monnet E, 2222
 Mont L, 1261, 2045
 Montalto MC, 1413
 Montano N, 1809
 Montenegro LM, 1-159
 Moodie DS, 310
 Moons AHM, 3063
 Moore DF, 1506
 Moore P, 2363
 Moran AM, 1-350
 Moravec CS, 881, 1147, 2923
 Mor-Avi V, 352
 Morawietz H, 1767
 Morel M-AM, 2289
 Morgan N, 790
 Morgenstern LB, 1799
 Mori H, 705, 1430
 Mori Y, 1046
 Morice M-C, 636, 1604, 3039
 Morishita R, 2344
 Morita H, 1964
 Moriyama N, 1964
 Morley GE, 1194
 Morrell NW, 424, 790
 Morris CD, 1-296
 Morris DL, e26
 Morrow DA, e8
 Morton BC, 515
 Mosca L, 491, 499, e73, 1577
 Moscucci M, 263, e85
 Moses JW, e19, e70, 1850
 Moshage W, 1927
 Moshiri S, 12
 Moskowitz IPG, 2734
 Mosqueda-Garcia R, 2932
 Moss AJ, 557
 Moss RL, 1585
 Mowrey KA, 832
 Moya A, 1261, 2045
 Muckerheidi M, 1850
 Mudra H, 1343
 Mueller T, 1651
 Muhlestein JB, e20
 Mukamal KJ, 1367
 Mukherjee D, 2767, 2995
 Mullany CJ, 1-36
 Mullen AJ, 1-233
 Muller DN, 576
 Müller F-U, 2088
 Müller J, 1-184
 Muller JE, 140, 1367
 Müller-Bardorff M, 630
 Müller-Steinhardt M, 1-25
 Mullins JJ, 2832
 Mulvany MJ, 2305
 Munson JL, 1-85
 Münzel T, 1571, 2338, 2673
 Muraki S, 1-296
 Murata S, 1-202
 Murata T, 2210
 Murohara T, 1046, 2478
 Murphy E, 2453
 Murphy SA, e8
 Murray A, e80
 Murtuza B, 1-207, 1-213, 1-303, 1-308
 Murugesan G, 2641
 Muschick P, 480
 Musi N, 1664
 Musial J, 2666
 Musley SK, 887
 Mzabi H, 2911
 Nabar A, 2545
 Nabel EG, 753
 Naccarelli GV, e136
 Nadeem SMNA, 2253
 Nadkarni V, e156
 Nagai R, 97, 102, 1964
 Nagai Y, 63
 Nagasaka H, 860
 Nagasaki A, 1171
 Nagashima H, 1-282
 Nagata K, 658
 Nagaya N, 1430, 2034
 Nagueh SF, 128, 317, e165
 Naik MJ, 1984
 Nair M, 802
 Najibi S, 1040
 Naka Y, 670
 Nakada MT, 163
 Nakagami H, 2344, 2716
 Nakagawa H, 550
 Nakagawa M, 137
 Nakagawa O, 137
 Nakajima H, 1286
 Nakamura K-i, 134
 Nakamura S, 137
 Nakamura T, 2344, 1-325
 Nakano H, 860
 Nakano T, 3132
 Nakao K, 137
 Nakaoka Y, 979
 Nakaya K, 1176
 Nakayama M, 137
 Nakayama Y, 2277
 Nakazato M, 2034
 Nakazawa M, 1098
 Nam JH, 3116
 Nano G, 1-288
 Nantö-Salonen K, 2943
 Napoli R, 3076
 Napolitano C, 557
 Nappo F, e34
 Narayan P, 1188
 Narayanan PK, 2588
 Nardi S, 2539
 Narkiewicz K, 384, e119, e145
 Narumiya S, 1176, 2210
 Naruse M, 1-282
 Nasserli B, 1286
 Natale A, 2886
 Nathan HJ, 1-85
 Nathan NS, 1-68
 Nathoe HM, 1761
 National Registry of Myocardial Infarction-3 Investigators, 2300
 Nattel S, 2095, 2608, 2645
 Nau B, 3057
 Naughton GK, 2063
 Navab M, 2386
 Nawata T, 1837
 Naydeck BL, 2679
 Neely RDG, e104
 Negoro S, 979
 Nègre-Salvayre A, 1814
 Negri E, 2269
 Nelson AH, 1292
 Nelson GS, 2407
 Nerurkar SS, 1292
 Neubauer J, 1809
 Neubauer S, 1844
 Neumann F-J, 1135
 Neville MJ, 1-276
 New G, 1999, e121
 Newburger JW, 1-138
 Newby DE, 2177
 Newby LK, 2641, e125
 Newman AB, 2679
 Newman D, 1544
 Newton GE, 2194
 Ngoy S, 1594
 Nguyen M, 2778
 Nguyen QT, 2075
 Nicod P, 342
 Nicol E, 908
 Nicolai J, 1-102
 Nicolet P-A, 2012
 Nicoletti A, 197
 Nicolson SC, 1-159
 Niebauer MJ, 2886
 Nielsen SL, 1-29
 Nielsen TT, 2305, e100
 Nieman K, e10
 Nieminen HP, 570
 Nierich AP, 1761
 Niessen HWM, e46
 Nijmeijer R, e46
 Niklewski T, 39
 Nikolaychik V, 1850
 Nilsson J, 2376, 2498
 Nishida H, 1-76, 2164
 Nishimatsu H, 1964
 Nishimoto M, 1274
 Nishimura K, 1-241, 1-325
 Nishimura RA, 976
 Nishina T, 1-241
 Nishiue T, 1046
 Nishizawa T, 658
 Nissen SE, 653, 2874
 Nitter-Hauge S, e97
 Nobuyoshi M, 1609
 Noda A, 658
 Node K, 705
 Noel R, 717
 Noll B, 480
 Noll G, 928
 Nomoto T, 1-241
 Nonaka H, 1165, 1746
 Noon GP, 676
 Nordestgaard BG, 68
 Normand S-LT, 2898
 Norrie J, e104
 Noutsias M, 275
 Novaro GM, 2205
 Nowak RM, 1483
 Nowalany-Kozielecka E, 39
 Nozawa T, 418
 Nwogu JI, 2216

- Oashi K, 281
 Obata H, 1407
 Oberoi M, 3091
 Obioha-Ngwu O, e92, 1153
 O'Brien BJ, 1622
 Ockene I, 1577
 O'Connell BJ, 1978
 O'Connor C, 2024
 Octopus Study Group, 1761
 O'Donnell CJ, 140, 2641
 O'Donnell M, 263
 Ogai A, 705
 Ogawa H, 137
 Ogawa M, 1-282
 Ogihara T, 2344
 Ogita H, 705
 Ogletree-Hughes ML, 881
 Oh JK, 976
 Ohara T, 227
 Ohki R, 1670
 Ohkubo T, e160
 Ohlstein EH, 1292, 2588
 Ohman EM, 1229, e125
 Ohnishi T, 2369
 Ohnuki T, 1098
 Ohta S, 1399
 Ohtsuki K, 203
 Ohuchi H, 1513
 Okabe K, 1171
 Okada K, 1-265
 Okada S, 3132
 Okada Y, 1176, 2210
 Okajima K, 1171
 Okamoto E-i, 2228
 Okamura H, 1746
 Okamura T, 1053
 Okatani Y, 1773
 Okumura H, 2034
 Okumura K, 3132
 Okuyama Y, 227
 Oliveira M, e30
 Olivotto I, 2517
 Ollershaw JD, 1591
 Olofsson B, 358
 Olshansky B, 7
 Olsson AG, 3046
 Omens JH, 336
 Ommen SR, 126
 O'Neill WW, 636
 Ong LS, 2384
 Ono Y, 1513
 Onozawa Y, 606
 Ooie T, 1837
 Oomen JAF, 91
 Oparil S, 2740
 Ophof T, 951
 Orav EJ, 310
 Oreto G, 2539
 Organ L, e26
 Orho-Melander M, 187
 Orihara K, 1407
 Ormiston JA, 2289
 Ornato JP, 1212
 O'Rourke RA, e151
 Orszulak TA, 1-1, 1-133
 Ortega JR, 741
 Ortego M, e34
 Ortiz G, 2051
 Osanai T, 3132
 O'Shea JC, 406
 Oshima Y, 979
 Oshinski JN, 2838
 Osugi T, 979
 Otomo K, 550
 Ottersen OP, 729
 Otto CM, e138
 Otto RN, 1-296
 Otvos JD, 257
 Oudiz RJ, 429
 Öunpuu S, 2746, 2855
 Owen V, 1-233
 Oya H, 2034
 Oz MC, 670, 1-229
 Ozono R, 1046
 Pabst T, 2503
 Paccanaro M, e40
 Pacher R, 1-171
 Pacileo G, 2809
 Packard CJ, 3052, e104
 Padmanabhan N, 1805
 Pahor M, 1923
 Painchaud CA, 2417
 Pakala R, 16
 Palazzolo L, 2932
 Palmeri ST, 2778
 Palmieri V, 1248
 Panchal SN, 2615
 Panerai RB, 898
 Pang L, 2608
 Panneton JM, e1
 Papageorgiou P, 1153
 Papandreou G, 1188
 Papp Z, e157
 Pappone C, 2539
 Papst PJ, 705
 Paqueron X, 3137
 Paradis NA, 723
 Paradis SG, 2311
 Páramo JA, e38
 Pardo F, 3076
 Park AM, 820
 Park J-K, 576
 Park S-H, 815
 Park S-J, 1609
 Parker JD, 1119, 2194, 2263
 Parker JL, 1393
 Parker M, 1101
 Parker MA, 563, 2412
 Parmley WW, 810
 Parrillo JE, 4, 3091
 Parsons WB Jr, e6
 Parthasarathy S, 1814
 Participating Members of the
 Pediatric Catheter Ablation
 Registry, 2803
 Parums DV, e119
 Pasceri V, 974
 Pascotto P, 12
 Pasini E, 253
 Pasquet A, 461
 Pasterkamp G, 91
 Pasternak RC, 499, 1577
 Patel JC, e153
 Patel K, 263
 Patel KK, 163
 Patel R, 317
 PATH-CHF-II Study Group,
 3026
 Patil K, 384
 Patrono C, 1124
 Patsch W, 1108
 Paul J-F, 497
 Paulus WJ, 2260
 Pauschinger M, 275
 Pavelec RS, 336
 Payen D, 3137
 Payne RC, e26
 Pearce GL, 2205
 Pearson RR, e20
 Pearson T, 1577
 Pearson TA, 2039
 Pease-Fye M, 1506
 Pedersen OD, 292
 Pedersen TR, 3046
 Pedrazzini T, 342
 Peele S, e73
 Peetz D, 1336
 Pehlivanli S, 1-336
 Pei W, 1147
 Pekny M, 358
 Pelletier S, 939
 Pelliccia A, e58
 Pelliikka PA, 1-36
 Pelucchi C, 2269
 Penn MS, 992
 Pennell DJ, 1-16
 Penninx BWJH, 1923
 Penttilä A, 876
 Pepper JR, 1-233
 Pepys MB, 145
 Perez-Verdia A, 676
 Perisinakis K, 58, 893
 Perola M, 876
 Perry SJ, 2485
 Persse DE, 1799
 Perticone F, 191
 Pesek C, e145
 Pesek CA, e119
 Peters B, 1550
 Peters J, 2602
 Peters RJG, 3063
 Petersen LA, 2898
 Petersen S, 3125
 Peterson GE, 1029
 Peterson JG, 2772
 Petrie MC, 1805
 Petruzella FD, 1181
 Petry P, 1757
 Peyser PA, 412
 Peyton KJ, 2710
 Pfammatter T, 1693
 Pfeiffer MA, 1577
 Pfeiffer D, 442, 2533
 Philipson KD, 2101
 Phillips BG, 384, e119, e145
 Pi X, 2338
 Piacentino V III, 1012, 1241
 Piano MR, e73
 Picard M, 330
 Picard MH, 448, 1286, 2797
 Pichard AD, 856, 3020
 Pickering TG, e128
 Pidgeon W, 1-59
 Piek JJ, e43
 Pieper KS, 1229
 Piepoli MF, 544, 2324
 Pieroni M, 168
 Pijls NHJ, 157, 2003, 2401
 Pilla C, 1-165
 Pini B, 921
 Piot JD, 1-121
 Piovella F, 74
 Piña IL, 1694
 Pitt B, e5, e95
 Pittaro M, e92
 Pitzalis M, e135
 Planche C, 1-121
 Platoshyn O, 1557
 Plisiene J, 2430
 Plokker HWT, 1609, e150
 Ploner M, 1-171
 Plow EF, 2641
 Pogatsa-Murray G, 1135
 Pogue J, 269, 1615
 Pohl T, 2012
 Pohle K, 1927
 Poirier B, 197
 Polak JM, 1-233
 Poldermans D, 1-314
 Polissar NL, 2051
 Poller W, 275
 Poloński L, 39
 Ponikowski P, 544
 Ponikowski PP, 2324
 Pontillo M, 1-288
 Pontén A, 358
 Poole-Wilson PA, 544
 Poon C-S, e131
 Popma JJ, 773, 2007
 Poppa V, 1399
 Porcellati C, 2039, e160
 Porsche R, 2384
 Porst M, 1436
 Porta A, 1809, 2932
 Porter ME, 2465
 Fossati G, 1-64
 Post Coronary Artery Bypass
 Graft Trial Investigators, 2660
 Post MJ, 91
 Post WS, 1214
 Potapov EV, 1-192
 Potet F, 3081
 Potter JF, 898
 Potthoff RF, 399
 Pouzet B, 1-223
 Powers ER, 1917
 Prat A, 1-41
 Praticò D, 1940
 Prellwitz W, 25
 Pressler ML, 2417
 Pressman S, 1255
 PREVENT Investigators, e95
 Prewitt TE, 1869
 Price E Jr, 346
 Price EM, 1393
 Pries AR, 735
 Prieto A, 2843
 Prince SL, 1-99
 Prior DL, 1-330
 Priori S, 557
 Probst V, 3081
 Probstfield J, 1615
 Prontera C, 921
 Protonotarios N, e132
 Protzel C, 2627
 Prystowsky EN, 1564
 Publicover NG, 1585
 Puel J, 1604
 Pugh PJ, e146
 Pujia A, 191
 Pyne NJ, 1538
 Pyne S, 1538
 Qedra N, 1-192
 Qi X, 1544
 Qian HS, 1526
 Qian Y-W, 2082
 Qian Z, 2369
 Quaife RA, 2424
 Querejeta R, 286
 Quinones M, 128, 317, 676,
 1255, 2188, e165
 Quraishi A-u-R, 2253
 Rabkin E, 2525
 Rådegran G, 1785

- Rader DJ, 491
 Radtke WAK, e41
 Raffel LJ, 1255
 Raghuvver G, I-143
 Ragosta M, 1917
 Rah BR, 3168
 Raharjo SB, 1746
 Rahnama M, 1809
 Raisky O, I-246
 Raitakari OT, 2943
 Raj SR, 2879
 Rajagopalan S, 753
 Rajavashisth TB, 3103
 Ramamoorthy C, I-159
 Raman SV, e79, 1447
 Ramirez R, 2975
 Rampoldi V, I-288
 Ramsey D, 467
 Ransam J, 187
 Rappaport LA, I-138
 Raskob G, 74
 Rastam L, 187
 Ratajczak P, 3137
 Ratcliffe A, 2063
 Ravens U, 2551
 Ravesloot JH, 2728
 Ray AA, I-92
 Rayment N, 253
 Razavi M, e55
 Razeghi P, 2923
 Rea TD, 2513
 Reboldi G, 2039
 Reboldic G, e160
 Reddy G, 2363
 Reddy S, 2746, 2855
 Reddy ST, 2386
 Redfield MM, 215
 Redington A, I-165
 Refsgaard J, e100
 Regalado L, 648
 Regar E, 1343, 2236
 Reiber JHC, 762, 2029
 Reichart B, I-108, I-336
 Reicin A, 2280
 Reifenberg K, 914
 Reiken S, 2843
 Reimers B, 12
 Reinders MEJ, 2558
 Reiner JS, 3168
 Reis ED, 2447
 Reiser PJ, 174
 Reller LB, 1029
 Remig J, e60
 Remkes H, 1844
 Renschler MF, e55
 Rensing BJ, 2007
 Rescheleit T, 768
 Rexrode KM, 393
 Richard V, 750
 Richardson A, e92
 Richardson KE, 1657
 Richardson PJ, 2318
 Richardt G, 630
 Richartz BM, e74, 1129, 2784
 Richter H, 768
 Rickli H, e87
 Rico L, 1822
 Ridker PM, 2266
 Rieder G, I-336
 Rieger JM, 1181
 Rijnbeek PR, 3087
 Riley W, e5, e95
 Riley WA, 2815
 Rim S-J, 2582, 2704
 Rimm EB, e99, e149
 Rimoldi A, 2932
 Rincon G, 653
 Ringleb PA, e76
 Riou LM, 1181
 Rippin G, 25
 Rivers RJ, 1749
 Robbins J, 1333
 Robbins MA, 992
 Robbins RC, I-202
 Robert B, e100
 Roberts R, 128, 317, 2113, 2188, 2249, 3017, 3030, e165
 Roberts RS, 1622
 Robertson AD, 2222
 Robertson D, 2932
 Robertson RM, 499
 Robinson JL, 557
 Robinson KA, 2459
 Robles de Medina EO, 1761
 Robson D, 970
 Robson S, 3109
 Roccella EJ, 491
 Rochitte CE, 998
 Rockman HA, 2485
 Rockson SG, e55
 Roden DM, e80, 1200
 Rodney R, 1694
 Rodriguez ER, 2369
 Rodriguez L-M, 2545
 Rodriguez M, 2975
 Roelandt JRTC, e10, 1779
 Roffi M, 2767, 2995
 Rogers WJ, 2641
 Rohman MS, 1746
 Rokach J, 1940
 Rong JX, 2447
 Rönnemaa T, 2943
 Roos JE, e154
 Roose PCH, 2689
 Ropers D, 1927
 Rosales O, 1799
 Rosanio S, 2539
 Rosas GO, 2407
 Rose NR, 3145
 Rosenberg IH, e164
 Rosenberg Y, 2660
 Rosenblum W, 1147
 Rosendaal FR, 762
 Rosenthal EA, 2222
 Rosenzweig A, 330, 1424
 Ross AM, 648
 Ross DL, 240
 Rössig L, 2182, 3023
 Rote W, 74
 Rothman A, 1557
 Rotter JJ, 1255
 Roubin G, 1850
 Roubin GS, e19, 1999, e121
 Rouleau JL, 939, 1856, 2075
 Rowold S, 2436
 Rozek MM, 39
 Rubboli A, e40
 Rubenstein FS, 2938
 Rubin J, I-36
 Rubin LJ, 1557
 Rudy Y, 1299, 1306
 Rueckschloss U, 1767
 Ruel IL, 2295
 Ruggeri ZM, 1451
 Ruiz M, 1181
 Rumberger JA, 412
 Rumpel E, 717
 Rundle AC, 2778
 Runge MS, 508
 Runyon J, 406
 Ruotolo G, 1223
 Rupprecht HJ, 25, 1336
 Ruschitzka F, 1856
 Rutledge T, I-16
 Rutsch W, 1343
 Ruygrok PN, 2289
 Ryan JM, 1447
 Ryan T, 1029
 Ryhalkin SD, 2338
 Saba V, 921
 Sabatine MS, 2759
 Saccà L, 3076
 Saccà S, 12
 Sackner-Bernstein JD, 1292
 Sadighi Akha AA, 3145
 Sadykov A, 424
 Saeed M, 2363
 Safi HJ, 2938
 Sagban TA, 914
 Saha DC, 1905
 Sahn DJ, e139
 Sahota H, e55, 1850
 Saikai T, 281
 Saikawa T, 1837
 Sairanen HI, 570
 Saito H, 373
 Saito S, 970, 1984
 Saito Y, 137, I-241
 Saitoh M, 3132
 Sajid M, 582
 Sakaguchi M, 63, 1274
 Sakakibara Y, I-241
 Sakamoto H, 109
 Sakamoto T, I-260
 Sakata T, 1837
 Sakata Y, 705
 Sakomura Y, I-282
 Salame MY, 2459
 Salerno-Uriarte JA, e30
 Saltin B, 1350, 1358, 1785
 Salvati A, 2539
 Salvatierra A, 2975
 Salvayre R, 1814
 Samady H, 1917
 Samani NJ, 1459
 Sammut IA, I-207, I-303, I-308
 Samuel D, 2911
 Sanada S, 705
 Sánchez de Miguel L, 1822
 Sander M, 2305
 Sanders AB, 2465
 Sandhu R, 2242
 Sandner SE, I-171
 Sandow J, 2826
 Sane DC, 870
 Sangiorgi G, I-288
 Sanguinetti MC, 1071
 Santinelli V, 2539
 Santini M, 52
 Sapp S, e109
 Sapp SK, 2772
 Sarda L, 2911
 Sartori C, 342
 Sasaki D, 1639
 Sasaki N, 860
 Sasaki S, 1274
 Sasayama S, 606, 2948
 Satler LF, 856, 3020
 Sato K, I-319
 Sato M, 325
 Sattar N, 3052, e104
 Sauer WH, 1894
 Saul JP, 2803
 Saupe KW, 221
 Sawada Y, 1274
 Sawamura T, 2948
 Sawamura Y, 373
 Sayre JS, 527
 Scalbert E, 750
 Scandinavian Simvastatin Survival Study (4S) Group, 3046
 Scarabelli T, 253
 Schächinger V, 1343
 Schaeberle MD, 2905
 Schaefer HE, 864
 Schaefer JR, 3057
 Schaefer GL, 779
 Schafer AI, 2710
 Schäfers H-J, I-260
 Schaff HV, I-1, I-36, I-133
 Schallij MJ, 2029
 Schantz A, 870
 Schaper W, 1994
 Scharenborg N, 1236
 Schartl M, 387
 Schauerte P, 2430
 Scheidt W, I-336
 Scheinman MM, 613, 1933
 Schellert HR, 527
 Scheld HH, 1757
 Schenck-Gustafsson K, 499
 Scherer M, 3091
 Scherrer U, 342
 Scherrer-Crosbie M, 448, 1286
 Schiavina R, 1385
 Schiffmann R, 1506
 Schild H, e60
 Schillaci G, 191, e160
 Schimpf T, 2430
 Schini-Kerth VB, 2826
 Schlaetzki F, e24
 Schleich J-M, e134
 Schlinzig T, 2673
 Schloesser K, 2358
 Schluchter MD, 310
 Schlumberger W, 25
 Schlüter M, 2791
 Schmeißer A, 2395
 Schmermund A, 1682
 Schmidinger H, I-171
 Schmidt N, 3057
 Schmidt S, 768
 Schmidt U, 1424
 Schmidtke C, I-21, I-25
 Schmieder R, 2395
 Schmitz W, 2088
 Schneider DJ, 181
 Schneider J, I-102
 Schneider JG, 3057
 Schneider JP, 992, 2685
 Schneider MD, 247
 Schoen FJ, 2525
 Schoendube FA, e32
 Schoenhagen P, 653, 2874
 Schoenhard JA, 839
 Schoenmakers M, 2722
 Schofer J, 2791
 Schofield A, 2194
 Schofield PM, e146
 Schömig A, 1135
 Schönbeck U, 1899, 2266
 Schoolwerth AC, 1985
 Schott J-J, 3081
 Schreiber DH, e125
 Schröder J, 768
 Schroeder TV, 68
 Schubert A, I-54

- Schubert B, 442, 2533
Schueler S, I-102
Schuffenhauer M, I-108
Schuler G, 533, 2917
Schüler S, 2551
Schultheiss H-P, 275, 768
Schulze C, I-336
Schulze-Bahr E, 1158
Schulz-Menger J, e32
Schumacher CA, 2728
Schuster M, I-177
Schuurbiers JCH, 91, e53
Schvartzman PR, e28
Schwammenthal E, 1952
Schwartz J, 986
Schwartz K, I-223
Schwartz ML, 682
Schwartz PJ, 557
Schwartz RS, 412
Schwartz W, 648
Schwartzbauer G, 1333
Schoazec A, 1598, 2649
Scola M, 120
Scorsin M, I-223
Scott DS, 473
Scott EM, 2200
Scott LTC, 1506
Scott MJ, 1280
Scott NA, 2228
Scozzafava A, 191
Scuteri A, 1464
Seals DR, 1627, 2424
Seckl JR, 2832
Sedgewick J, 2436
Sega R, 1385
Seger JJ, 3030
Seguin C, I-197
Seidman CE, 2734
Seidman JG, 2734
Seiler C, 2012
Sejersted OM, 729
Selaru P, 2417
Selhub J, e164
Sellke FW, I-319
Selwyn AP, 1114
Semsarian C, 2734
Senbonmatsu T, 346
Senior R, 783
Senzaki H, 860
Serfaty J-M, 1588
Sermer M, 515
Serraf A, I-121
Serruys PW, 533, e10, e53, 1779, 2007, 2236, 2289, 2689
Sesso HD, 393
Seth A, 2029
Severs NJ, 3152
Sévigny J, 3109
Seward JB, 976
Seyfarth M, 1135
Shah AM, 2318, 2967
Shah M, 753
Shah N, 550
Shah P, 802
Shah PK, 1878, 2376, 2498, 3103
Shahar E, 19
Shaish A, 1646
Shamsuzzaman A, 384, 903
Shandas R, 908
Shannon JR, 2424
Shansky J, 594
Shapiro D, 2280
Shapiro EP, I214, 1464
Shapiro LF, 2424
Shapland JE, I-270
Share D, 263
Sharma R, e97
Sharpe N, 1248
Sharrett AR, 1108
Shaw L, e151
Sheares KK, 790
Sheedy PF II, 412
Sheikhzadeh A, 717
Sheldon J, 746
Sheldon R, 1622
Shelton BJ, 1489
Shen J, 700
Shepherd BR, 2063
Shepherd J, 3052, e104
Shewchuk L, 2879
Shibasaki F, 97, 102
Shimada K, 1670, e150
Shimada T, 1837
Shimasaki Y, 137, 1268
Shimizu W, 1430, 2034
Shimizu Y, 63, I-325
Shimoyama M, 97, 102
Shin H-C, 3116
Shinagawa K, 2608
Shindo T, 1964
Shinozaki Y, 705
Shintani S, 1046
Shiomi M, 1831
Shiomi T, 134, 2883
Shirk G, 694
Shishido T, 2277
Shlipak MG, 2300
Shlossberg A, e104
Shor A, e75
Shotwell KF, 2069
Shroff S, 473
Shyue S-K, 1519
Siaghy EM, I-197
Sianos G, e10
Sica DA, 1985
Sicard GA, 1280
Siddiqui MAQ, 325
Sievers H-H, 717, I-21, I-25
Sievers RE, 810
Sievvert H, 2791
Sigal E, 1646
Sigwart U, 2113, 2249
Silbershatz H, 1367
Sillesen H, 68
Silveira A, 1887
Simm A, 2602
Simon T, e81
Simonetti OP, 2412
Simonsen S, e97, 1494
Simons-Morton DA, 1694
Simoons ML, 2772
Singh S, e57
Singh SN, 1489
Sinha A, 2430
Sinha S, 2595
Sirato K, 3132
Sirois MG, 2075
Sisko J, 1292
Sittiwangkul R, I-152
Siu SC, 515
Sivasubramanian N, 826, 2273
Sjaastad I, 729
Skanes AC, 46
Skibba W, I-25
Skinner M, 1594
Sklenar J, 2471
Slager CJ, 91, e53
Slama MS, 2911
Sleight P, 1615
Slominska EM, I-246
Small R, 2051
Smallhorn JF, 515
Smalling RW, 620
Smedira NG, 881, I-330
Smith DA, 746
Smith FM, e123
Smith L, 2003
Smith SC Jr, 499, 1577, 1863
Smith TJ, 986
Smith TW, e77
Smith WB, 2417
Smits JPP, 1158
Smolenski RT, I-207, I-213, I-246, I-303, I-308
Snell PG, 1350, 1358
Snoeckx LHEH, e123
Sobel BE, 181, 2778
Sobrinho CRM, 1792
Sochor H, 1005
Soejima K, 664
Solaiyappan M, 1214
Solowjowa N, I-184
Somers VK, 384, 903, 1809, e119, e145
Somura F, 658
Sondergaard H, 1785
Song J, e22, 2107
Sopko G, 310
SoRelle R, 1450
Sørensen K, e100
Sorensen S, 515
Soriano F, 2975
Sorlie PD, 1108
Sorrentino RA, 1029
Sosman JM, 257
Soubrier F, 1236
Sousa AGMR, 533, 2007
Sousa JE, 533, 2007
Spadacini G, e30
Spagnoli LG, I-288
Spears JC, 515
Spears JR, e143
Sperling RS, 2280
Spinale FG, 826
Spinelli J, 3026
Spray TL, I-152, I-159
Sprecher D, 2025, 2886
Spuentrup E, e101
Spyridopoulos I, 1754
Srámek A, 762
St Jeor ST, 1869
Stafford EA, 3145
Stahel R, 1693
Stahl GL, 1413
Stamm C, I-260, I-350
Stampfer MJ, e99, e149
Stantke K, I-270
Stanton MS, 1023
Starc TJ, 310
Stark AJ, 796
Starke RD, 1577
Steeds RP, 1459
Stein JH, 257, e130
Stein PK, 2024
Stellbrink C, 2430, 3026
Stenina O, 2641
Stent In Small Arteries (SISA) Trial Investigators, 2029
Stent-PAMI Investigators, 3039
Stephanou A, 253
Stertz S, 380, 2436
Stetson SJ, 676
Steven JM, I-159
Stevenson LW, e89
Stevenson WG, 664, e50
Stewart DJ, 2075, 2242
Stienen GJM, 1140, e157
Stilianakis N, 1927
Stühlinger MC, 2569
Stoker JB, 2200
Stone GW, 636, 642, 3039
Stone JR, 2525
Stone PH, 2024
Stooker W, 1140
Storrow AB, e125
Stouffer GA, 582
St-Pierre AC, 2295
Strachan GM, 1550
Strauer BE, 1477
Strauss HW, 203
Strohm O, e32
Strömer H, 1844
Strotmann J, 1059
Struijker-Boudier HAJ, 735
Strümper D, 1757
Strunk H, e60
Stuhmann H, 1194
Stull LB, 881
Stumpf C, 2395
Su YR, 2820
Su Z, 2101
Suarez de Lezo J, 741
Subramaniam MH, 2938
Suddath WO, 3020
Suematsu N, 134, 2883
Sugawara D, 1831
Sugimachi M, 2277
Sugimoto Y, 1176
Sugishita K, 2101
Sukhova GK, 1899
Sullivan JA, I-92
Sullivan JL, e149
Sullivan S, 1952, 1958
Sulpizio A, 1292
Sumi D, 376
Sun X-G, 429
Sun Y-p, 810
Sunagawa K, 2277
Sundberg C, 3109
Sung RJ, 2082
Sussex B, 1615
Sutherland GR, 1059
Sutherland PA, 140, 1367
Sutko JL, 1585
Sutton-Tyrrell K, 2679
Suyker WJL, 1761
Suzuki J, 2716
Suzuki K, 281, 1506, I-207, I-213, I-246, I-303, I-308
Suzuki M, 664
Suzuki N, I-207, I-213, I-308
Suzuki T, 1188, 1609
Svenungsson E, 1887
Swales JD, 783
Sweeney MO, 796
Sweet WE, 881
Swerdlhoff PL, 151
Sybrecht GW, 1218
Syrota A, 2911
Sys SU, 3137
Szczechlik A, 2666
Szente-Varga M, e154
Szombathy T, 864
Szuba A, e55
Tabata Y, I-325
Tabbutt S, I-159
Taegtmeyer H, 1089, 2923
Taghavi S, I-171

- Tai C-T, 1501
 Taira DA, 3039
 Tajik AJ, 126, 976
 Tajik JA, I-1
 Takagi A, 1917
 Takahashi N, 1837
 Takahashi T, 102
 Takahata O, 1176, 2210
 Takai S, 1274
 Takano H, 694
 Takaoka H, 2485
 Takase K, 373
 Takashi E, 85
 Takashima S, 418, 705
 Takehana K, 1181
 Takehara N, 455
 Takeichi Y, 658
 Takeshita A, 134, 2883
 Takimoto E, 97
 Talley D, 406
 Tam JW, 128, 515, e165
 Tamai H, 1609
 Tamburro P, 3091
 Tamirisa P, e68
 Tamura N, I-325
 Tan WA, 1609
 Tanajura LF, 2007
 Tanaka H, 281, 1627
 Tanaka S, 281
 Tang LX, 1940
 Tang N, 1899
 Tang X-L, 694
 Taniuchi M, 539
 Taniyama Y, 2344
 Tanne D, 2892
 Tao J, 330
 Tapscott T, 2188, 3030
 Tardiff BE, 399
 Tasseron S, 3069
 Tateishi E, 1046
 Tatsuno H, 1053
 Taubert KA, 499, 1577
 Tavani A, 2269
 Taylor DA, 515
 Taylor JA, e161
 Taylor WR, 109
 Tazelaar HD, 215
 Tchong JE, 406, 870
 Tchou PJ, 832, 2886
 Teare MD, 1459
 Tearney G, 2754
 Tebbenjohanns J, 442, 2533
 Tedgui A, 1598, 2182, 2649
 Tei C, 1407
 Teirstein PS, 1996, 2620
 Teitel D, 2363
 Teller P, 1594
 ten Berg JM, e150
 Tentolouris C, e159
 Tepe G, 480
 Terada N, 705
 Teramoto S, 281
 Terrien EF, 181
 Terrin ML, 2660
 Tessmer J, e48
 Tevacaari HT, 2069
 Thakur NK, 376
 Thamilarasan M, 1911
 The' AHS, 670
 Theocharopoulos N, 58, 893
 Thérout P, 2767
 Theuer J, 576
 Thiagarajan P, 1876, 2955
 Thiele H, 2917
 Thiene G, 168, e132
 Thng CH, 2117
 Thomas I, 2417
 Thomas JD, 1911, I-330
 Thomas L, 3103
 Thomas MJ, 729
 Thompson JA, 2740
 Thompson MM, 304
 Thompson PD, e58
 Thompson SG, 145
 Thorén P, 358
 Thorens B, 342
 Thuillez C, 750
 Thuri A, e10
 Thury A, e53
 Tian R, 1664
 Timek TA, I-29, I-47
 Timmermans C, 2545
 Timothy K, 557
 Tio F, 1188
 Tio FO, 2358
 Tiong IY, 2205
 Tiret L, 1336
 Tocchi M, 2539
 Tofler GH, 140, 1367
 Tognarini S, 1261
 Tokarski G, 1483
 Toko H, 97
 Tolbert T, 2740
 Tölg R, 630, 717
 Tolva V, I-288
 Tom C, 1972
 Tomai F, 1471
 Tomizawa Y, I-76, 2164
 Tomlanovich MC, 1483
 Topol EJ, 163, 815, 992, e76, e83, 1229, 2641, 2685, 2767, 2772, e109, e124
 Torp-Pedersen C, 292
 Torre-Amione G, 676
 Toscano A, 2809
 Toscano E, 1255
 Tosti AC, 613
 Touchot A, I-121
 Tousoulis D, e159
 Toutouzas P, e159
 Towbin JA, 557, 1092
 Toyokuni S, 2948
 Traverse JH, 2517
 Trembath RC, 790
 Trimarchi S, I-288
 Tritman N, 2576
 Tritto M, e30
 Trocino G, 1385
 Tsai C-F, 1501
 Tsai C-H, 3152
 Tsao PS, 1188, 2569
 Tsatsopoulou A, e132
 Tseng K-W, 1519
 Tsujino T, 1165
 Tsunekawa T, 376
 Tsutsui H, 134, 653, 2874, 2883
 Tsutsumi Y, 1046
 Tsybouleva N, 317
 Tübler T, 2791
 Tucker JF, e125
 Tufano A, 1124
 Tugtekin S-M, I-102
 Tulis DA, 2710
 Tuncel M, e161
 Tung S, 664, e50
 Tunick PA, e59
 Tupin E, 197
 Turner D, 2363
 Tuttle RH, e125
 Tuzcu EM, 653, 1917, 2874
 Tweddell JS, I-148
 Tzemos N, 511
 Ubago JLM, 286
 Uccchino S, 921
 Uchiba M, 1171
 Udayachalerm W, 2029
 Udelson JE, 2417
 Ueland T, e97, 1494
 Uematsu M, 1430, 2034
 Ueno T, 2459
 Uhlich F, e32
 Ullrich H, e145
 Ullrich R, 1286
 ULTIMA Investigators, 1609
 Umeno K, 418
 Undas A, 2666
 Underwood MJ, e36
 Unger F, 533, 2689
 Ungureanu-Longrois D, I-197
 Uozumi H, 97, 102
 Upton PD, 790
 Ur E, e104
 Ushikubi F, 1176, 2210
 Uto K, I-282
 Utsumi H, 134, 2883
 Vacaresse N, 1814
 Vahanian A, 1229, e137
 Vaidya D, 1194
 Vakili BA, 2171, 3034
 Valagussa F, 1385
 Valentine HA, 2615
 Valderrama M, e34
 Valdes-Cruz L, 908
 Valente M, e132
 Valeri CR, 1533
 Van Aken H, 1757
 van Beusekom HMM, 2236
 van Boven W-J, 1761
 Van Camp G, 461
 Van Camp SP, e58
 Van Crombrugge P, 157
 van de Borne P, 1809
 Van de Werf F, 1059, 2653
 van der Giessen WJ, 2236
 van der Hulst FF, 2722
 van der Meer J, 74
 van der Velden J, 1140
 van Dijk D, 1761
 van Duijn C, 1236
 van Eickels M, 1419
 van Es G-A, 2289
 Van Eyk JE, e26
 Van Gelder IC, e57
 van Geldorp TR, 2689
 van Ginneken ACG, 2728
 Van Hare GF, 1933
 van Hout B, 533
 Van Langenhove G, 2007
 Van Lenten BJ, 2386
 van Linga A, I-314
 van Nieuwenhoven FA, e123
 Van Noord T, e57
 van Opstal JM, 2722
 van 't Hooft FM, 1223
 Van Wagoner DR, 174, 2886
 Vancon A-C, 1286
 Vandenburgh H, 594
 Vanoverschelde J-LJ, 461
 Vardas P, 58, 893
 Vargas JD, 1101
 Vargas MM, 2734
 Varma P, 1544
 Varnava AM, 1380
 Varo N, 286, 2266
 Varotto L, e40
 Vasa M, 3023
 Vassort G, 688
 Vaughan DE, 839
 Vecchi B, I-253
 Vecchia LL, e40
 Veelen R, 1436
 Veenhuyzen GD, 1489
 Vela R, I-99
 Velasco F, 2975
 Velasco S, 1822
 Veldkamp MW, 1158, 2728
 Velez DA, I-296
 Ventura G, 191
 Verdecchia P, 191, 2039, e160
 Verdouw PD, 2236
 Verduyn SC, 2722
 Verheugt FWA, e76, e150
 Verkerk AO, 2728
 Verma S, 2879
 Vermeylen J, e109
 Versaci F, 1471
 Vicedomini G, 2539
 Victor RG, e161
 Vilquin J-T, I-223
 Vince DG, 653, 2874
 Vincent GM, 557
 Vinten-Johansen J, 2228, I-296
 Virmani R, 473, 2388
 Visconti KJ, I-127
 Visser CA, 1140, I-314
 Visser FC, 1140, I-314
 Viswanathan PC, 1200
 Vita JA, 151
 Vitek J, e19
 Vitek JJ, 1999, e121
 Vlasuk G, 74
 Vlietinck R, 1633
 Voelkel WG, 1651
 Voelker W, 387
 Vogt J, 1757
 Vollenweider P, 342
 Vollmar B, I-260
 von Euler G, 358
 von Harsdorf R, 2088
 Vongpatanasin W, e161
 Vorchheimer DA, 399
 Vorstrup S, 68
 Vos MA, 2722
 Voudris V, 1343
 Vourvouri E, e10
 Vrolix MCM, 2029
 Wadsworth RM, 1538
 Wagner CL, 1094
 Wagner FD, I-192
 Wagner PD, 1785
 Waigand J, e32, 2791
 Wainstein M, 1114
 Wainwright CL, 1538
 Wajih N, 582
 Wakatsuki A, 1773
 Wakimoto H, 2734
 Waksman R, 856, 3020
 Walcott GP, 1066
 Waldmann M, 2430
 Waldo AL, 1299, 1306
 Walker BR, 2832
 Walker JF, 1248
 Walker JJ, 2200
 Wall A, e101

- Wallace AM, 3052
Wallace S, 1-165
Walther C, 1-54
Walther T, 1-54
Walton S, e153
Wang D, 1588
Wang H, 2645
Wang J, 2645, 2843
Wang L-L, 1676
Wang M-J, 1575
Wang N, 1255
Wang NC, 227
Wang P, 1147
Wang X, 275, 594
Wang Y, 85, 1964, 2088, 2338, 3145
Wang Z, 550, 1657, 2608, 2645
Ward M, e83
Ward MR, 467
Warembourg H, 1-41
Warltier D, e48
Warman EN, 887, 1023
Warnecke I, 1158
Warnes CA, 1-133
Warraich R, 275
Wasowska BA, 2369
Wasser JS, 209
Wasserman AG, 3168
Wasserman K, 429
Watanabe J, 1911
Watanabe K, 1098
Watanabe T, 16
Watanabe Y, 1831
Watari Y, 1165
Waters D, 2635, e7
Wathen MS, 796
Watkins H, e165
Watkins L, 2024
Watkins MW, 181
Watkins SC, 2492
Watson DD, 1181
Wazni O, 2886
Weaver WD, 1483
Webb DJ, 2177
Webster MWI, 2289
Wedekind H, 1158
Wegscheider K, 1-192
Wei K, 2471, 2704
Weidemann F, 1059
Weidtmann B, 630
Weihrauch D, e48
Weilbaecher DG, 676
Weinberg C, 908
Weintraub WS, 1457
Weir MR, 2280
Weis M, 1-336
Weisbrod RM, 1040
Weisel RD, 1-218
Weishaupt D, 1083, e154
Weiss D, 109
Weiss JL, 1214
Weissman NJ, 856, 1320, 3020
Weitz G, e161
Wellens HJ, 3014
Wellens HJJ, 1419, 2545, 2722
Wellenhofer E, 1-184
Wells FC, 1-59
Wells GA, 1-85
Welt FGP, 3121
Wen J, 134, 2883
Wen P, 2615
Wen P-Z, 1255
Wenger NK, 499
Wennerblom B, 1343
Wentzel JJ, 91, e53
Wenzel A, 903
Wenzel V, 1651
Werner GS, e74, 1129, 2784
Wernovsky G, 1-159
West NEJ, 1526
Westaby S, 970, 1984
Westphal M, 1757
Wettwer E, 2551
Weyman AE, 2797
White CM, e22
White CW, 2660
White HD, 2767
White JA, 2767
White RD, e28
Whitlow PL, 1609, 2685
Whitstone BN, 1-148
Wickline SA, 1280
Wiebe DA, 257
Wiegand U, 630
Wieselthaler G, 1-171
Wiesmann F, 2503, 2602
Wievegg M, 2003
Wijffels M, 957
Wijns W, 157, 2401
Wikeby L, e97, 1494
Wilcox CS, 1985
Wilcox JN, 1591, 2228
Wilczewski P, 39
Wilde AAM, 845, e80, 1158, 1200
Wildenthal K, 1330
Wildhirt SM, 1-336
Wilensky R, 1188
Wilkens H, 1218
Wilkins MR, 424
Willeit J, e99
Willens DE, 820
Willerson JT, 974, e62, 2331
Willett WC, e99, e149
Willette RN, 1292
Williams BC, 2832
Williams DM, e85
Williams DO, 2
Williams E, 1424
Williams M, 934
Williams MA, 1694
Williams PL, 986
Williams SK, 2063
Williams WG, 1-152
Williamson JD, 1923
Williamson JW, 1350, 1358
Willinek WA, e60
Willmann JK, e154
Wilson K, 1-59, 2069
Wilson KH, 131
Wilson N, 711
Wilson PWF, 491, 1367, e164
Windecker S, 928, 2012
Winnicki M, 384, 903, e119, e145
Winter P, 1280
Wisbey C, 1-59
Wit AL, 1946
Witherow FN, 2177
Witsenburg M, 3087
Witteler R, 1757
Witzum JL, 1887
Wodnicki J, 39
Wojciechowska C, 39
Wojnicz R, 39
Wolber T, e87
Wolkart G, 3097
Wolner E, 1-171
Wolpert C, 887
Wolski KE, e83, e124
Wong ND, e128
Woodman CR, 1393
Woods TC, 3121
Woods TN, 1292
Work LM, 1538
Worthley SG, 249
WOSCOPS Executive Committee, 3052
Wozny D, 1-85
Wu D, 600
Wu KC, 1868
Wu KK, 1519
Wu KLH, 1676
Wu L, 2716
Wu Y, 1399
Wu Y-JL, 934, 945
Wu Y-P, 928
Wustmann K, 2012
Wypij D, 1-138

Xia HA, 1023
Xiang AH, 1255
Xiao C-Y, 1176
Xiao C-Y, 2210
Xu F, 2107
Xu M, 85
Xu S-h, 2576
Xu XH, 3103
Xu X-P, 3103

Yacoub M, 275, 1743
Yacoub MH, 1-16, 1326, 1-207, 1-213, 1-233, 1-246, 1-303, 1-308
Yadav J, e121
Yadav JS, 2436, 2995
Yagita K, 1746
Yamabe H, 1268
Yamada J, 705
Yamada M, 1274
Yamada O, 1513
Yamada T, 2210
Yamada Y, 658
Yamagishi M, 653, 2034
Yamamoto K, 1670
Yamanaka K, 1837
Yamanishi H, 63
Yamasaki K, 2344
Yamauchi-Takahara K, 979
Yan C, 1399, 2338
Yanazume T, 2948
Yang B, 2645
Yang H, 32
Yang S-x, 2369
Yang X, 790, 1588
Yang Y, 1933
Yang Z, 2838, e110
Yano J, 3103
Yao A, 102
Yasuda K, 1513
Yasue H, 137
Yasui K, 951
Yau TM, 1-218
Yazaki Y, 97, 102, 1964
Yee R, 46
Yeh ETH, 974
Yeh H-I, 2849, 3152

Yellen L, e57
Yeung AC, 1188, 1917, 2436
Yi G-h, 2843
Yi Q, 522, 1615
Yock PG, 380, 1917
Yoganathan AP, 1958
Yokota M, 658
Yokote Y, 860
Yokoyama M, 1165, 1746
Yoneda T, 606
Yoshida H, 2820
Yoshihara F, 1430
Yoshimura M, 137
Yoshizumi M, 1399
Young ME, 2923
Yousuf S, e55
Yu F, 174
Yu W-C, 1501
Yu Y, 1557, 3026
Yuan C, 2051
Yuan JX-J, 1557
Yuasa S, 1-241
Yuda A, 1274
Yue T-I, 2588
Yuhki K-i, 2210
Yusuf S, 269, 522, 1615, 2746, 2855
Yutani C, 2034

Zadinello M, 1-165
Zahn EM, 711
Zahn R, 1343
Zanchetti A, 1385
Zannad F, 1-197
Zähringer U, 914
Zapol WM, 1286
Zardini M, e30
Zareba W, 557
Zaremba R, 1140
Zarse M, 2430
Zechner R, 3097
Zeher A, 1343, 2182, 3023
Zeldin DC, 2453
Zembala M, 39
Zerkowski H-R, 1767
Zervas JG, 1905
Zhang C, 1399, 1749, 2338
Zhang J, 1557
Zhang X, 2762
Zhang Y, 832, 2645
Zhao F, 269
Zhao L, 424, 1646
Zhao Y, 1557, 2242
Zheng X, 1066
Zheng Z-J, 2158
Zhou Y, 2351
Zhou Z, 815
Zhu B-q, 810
Zhu D, 2615
Zhu W, 97, 102
Zhuang S, 832
Ziada KM, 653
Zile MR, 779
Zimetbaum P, 1153
Zimmerman DM, 2588
Ziolo MT, 2961
Zipes DP, 2506, e148
Zoble RG, e57
Zoghbi WA, 128, 317, e165
Zou Y, 97, 102
Zuckermann A, 1-171
Zurakowski D, 1-260
Zuzak KJ, 2905

Subject Index

Volume 104, July–December 2001

A

Ablation

- Atrial Electroanatomic Remodeling After Circumferential Radiofrequency Pulmonary Vein Ablation: Efficacy of an Anatomic Approach in a Large Cohort of Patients With Atrial Fibrillation, 2539
- Chronic Atrial Fibrillation in Patients With Rheumatic Heart Disease: Mapping and Radiofrequency Ablation of Flutter Circuits Seen at Initiation After Cardioversion, 802
- Static Relationship of Cycle Length to Reentrant Circuit Geometry, 1946

Acetylcholine

- Coronary Endothelial Dysfunction After Heart Transplantation Predicts Allograft Vasculopathy and Cardiac Death, 3091
- Folic Acid Prevents Nitroglycerin-Induced Nitric Oxide Synthase Dysfunction and Nitrate Tolerance: A Human In Vivo Study, 1119
- Myocardial Contractile Function and Heart Rate in Mice With Myocyte-Specific Overexpression of Endothelial Nitric Oxide Synthase, 3097

Action potentials

- Chronic Amiodarone Evokes No Torsade de Pointes Arrhythmias Despite QT Lengthening in an Animal Model of Acquired Long-QT Syndrome, 2722
- Density and Kinetics of I_{Kr} and I_{Ks} in Guinea Pig and Rabbit Ventricular Myocytes Explain Different Efficacy of I_{Kr} Blockade at High Heart Rate in Guinea Pig and Rabbit: Implications for Arrhythmogenesis in Humans, 951
- Effects of Rapid Atrial Pacing on the Arrhythmogenic Activity of Single Cardiomyocytes From Pulmonary Veins: Implication in Initiation of Atrial Fibrillation, 2849
- Electrical Remodeling in Pressure-Overload Cardiac Hypertrophy: Role of Calcineurin, 1657
- Electrophysiological Alterations After Mechanical Circulatory Support in Patients With Advanced Cardiac Failure, 1241
- Molecular Basis of Downregulation of G-Protein-Coupled Inward Rectifying K^+ Current ($I_{K_{ACH}}$) in Chronic Human Atrial Fibrillation: Decrease in GIRK4 mRNA Correlates With Reduced $I_{K_{ACH}}$ and Muscarinic Receptor-Mediated Shortening of Action Potentials, 2551
- Optical Mapping of Ventricular Defibrillation in Isolated Swine Right Ventricles: Demonstration of a Postshock Isoelectric Window After Near-Threshold Defibrillation Shocks, 227

Adenosine

- Disordered Cellular Migration and Angiogenesis in *cd39*-Null Mice, 3109
- Evidence of Functional Myocardial Ischemia Associated With Myocardial Dysfunction in Brain-Dead Pigs, 1-197
- Fractional Flow Reserve Compared With Intravascular Ultrasound Guidance for Optimizing Stent Deployment, 1917
- Influence of Nitric Oxide Synthase and Adrenergic Inhibition on Adenosine-Induced Myocardial Hyperemia, 2305
- Pharmacological Stress Myocardial Perfusion Imaging With the Potent and Selective A_{2A} Adenosine Receptor Agonists ATL193 and ATL146e Administered by Either Intravenous Infusion or Bolus Injection, 1181
- Protection From Reperfusion Injury After Cardiac Transplantation by Inhibition of Adenosine Metabolism and Nucleotide Precursor Supply, 1-246

Adenovirus

- Human Coxsackie-Adenovirus Receptor Is Colocalized With Integrins $\alpha_3\beta_1$ and $\alpha_5\beta_1$ on the Cardiomyocyte Sarcolemma and Upregulated in Dilated Cardiomyopathy: Implications for Cardiotropic Viral Infections, 275

Adherens junctions

- Biochemical and Structural Evidence for Pig Myocardium Adherens Junction Disruption by Cardiopulmonary Bypass, 1-319

Adipocytes

- Plasma Leptin and the Risk of Cardiovascular Disease in the West of Scotland Coronary Prevention Study (WOSCOPS), 3052

Adolescents

- Maternal Energy Stores and Diet Composition During Pregnancy Program Adolescent Blood Pressure, 1034

Aggregation

- Role for Sulfatides in Platelet Aggregation, 2955

Aging

- A 30-Year Follow-Up of the Dallas Bed Rest and Training Study: I. Effect of Age on the Cardiovascular Response to Exercise, 1350
- A 30-Year Follow-Up of the Dallas Bed Rest and Training Study: II. Effect of Age on Cardiovascular Adaptation to Exercise Training, 1358
- Central Arterial Compliance Is Associated With Age- and Habitual Exercise-Related Differences in Cardiovascular Baroreflex Sensitivity, 1627
- Cerivastatin, a Hydroxymethylglutaryl Coenzyme A Reductase Inhibitor, Improves Endothelial Function in Elderly Diabetic Patients Within 3 Days, 376
- Clinical Correlates and Reference Intervals for Pulmonary Artery Systolic Pressure Among Echocardiographically Normal Subjects, 2797
- Coronary Artery Calcification in Older Adults to Age 99: Prevalence and Risk Factors, 2679
- Effect of Aging on the Prognostic Significance of Ambulatory Systolic, Diastolic, and Pulse Pressure in Essential Hypertension, 783
- Exercise Training Attenuates Age-Associated Diastolic Dysfunction in Rats, 221
- Improved Arterial Compliance by a Novel Advanced Glycation End-Product Crosslink Breaker, 1464
- Treatment of Isolated Systolic Hypertension Is Most Effective in Older Patients With High-Risk Profile, 1923

AHA Science Advisory

- Dietary Protein and Weight Reduction: A Statement for Healthcare Professionals From the Nutrition Committee of the Council on Nutrition, Physical Activity, and Metabolism of the American Heart Association, 1869
- Hormone Replacement Therapy and Cardiovascular Disease: A Statement for Healthcare Professionals From the American Heart Association, 499

AHA Scientific Statements

- Exercise Standards for Testing and Training: A Statement for Healthcare Professionals From the American Heart Association, 1694
- Preventing Heart Attack and Death in Patients With Atherosclerotic Cardiovascular Disease: 2001 Update: Consensus Panel Guide to Comprehensive Risk Reduction for Patients With Coronary and Other Atherosclerotic Vascular Disease, 1577
- Renal Considerations in Angiotensin Converting Enzyme Inhibitor Therapy: A Statement for Healthcare Professionals From the Council on the Kidney in Cardiovascular Disease and the Council for High Blood Pressure Research of the American Heart Association, 1985

AIDS

- Reliability of Multicenter Pediatric Echocardiographic Measurements of Left Ventricular Structure and Function: The Prospective P²C² HIV Study, 310

Air pollution

- Association of Heart Rate Variability With Occupational and Environmental Exposure to Particulate Air Pollution, 986

Alcohol

- Alcohol Consumption and Hemostatic Factors: Analysis of the Framingham Offspring Cohort, 1367

Aldosterone

- Aldosterone Induces Angiotensin-Converting-Enzyme Gene Expression in Cultured Neonatal Rat Cardiocytes, 137
- Eplerenone Suppresses Constrictive Remodeling and Collagen Accumulation After Angioplasty in Porcine Coronary Arteries, 467

ALT-711

Improved Arterial Compliance by a Novel Advanced Glycation End-Product Crosslink Breaker, 1464

Amyloid

Myocardial Muscarinic Receptor Upregulation and Normal Response to Isoproterenol in Denervated Hearts by Familial Amyloid Polyneuropathy, 2911

Amyloidosis

Infusion of Light Chains From Patients With Cardiac Amyloidosis Causes Diastolic Dysfunction in Isolated Mouse Hearts, 1594

Aneurysm

Accelerated Atherosclerosis, Aortic Aneurysm Formation, and Ischemic Heart Disease in Apolipoprotein E/Endothelial Nitric Oxide Synthase Double-Knockout Mice, 448

Circulating Matrix Metalloproteinases and Their Inhibitors in Patients With Kawasaki Disease, 860

Hypertension Does Not Account for the Accelerated Atherosclerosis and Development of Aneurysms in Male Apolipoprotein E/Endothelial Nitric Oxide Synthase Double Knockout Mice, 2391

Inflammatory Left Ventricular Microaneurysms as a Cause of Apparently Idiopathic Ventricular Tachyarrhythmias, 168

Plasma Levels of Metalloproteinases-3 and -9 as Markers of Successful Abdominal Aortic Aneurysm Exclusion After Endovascular Graft Treatment, 1-288

Staged Repair of Extensive Aortic Aneurysms: Morbidity and Mortality in the Elephant Trunk Technique, 2938

Ubiquitous Elevation of Matrix Metalloproteinase-2 Expression in the Vasculature of Patients With Abdominal Aneurysms, 304

Angina

Abnormal Epicardial Coronary Resistance in Patients With Diffuse Atherosclerosis but "Normal" Coronary Angiography, 2401

Effects of Ramipril on Coronary Events in High-Risk Persons: Results of the Heart Outcomes Prevention Evaluation Study, 522

Platelet Glycoprotein IIb/IIIa Inhibitors Reduce Mortality in Diabetic Patients With Non-ST-Segment-Elevation Acute Coronary Syndromes, 2767

Serum Levels of the Antiinflammatory Cytokine Interleukin-10 Are Decreased in Patients With Unstable Angina, 746

Stroke in Relation to Cardiac Procedures in Patients With Non-ST-Elevation Acute Coronary Syndrome: A Study Involving >18 000 Patients, 269

Sustained Angina Relief 5 Years After Transmyocardial Laser Revascularization With a CO₂ Laser, 1-81

Unstable Angina and Elevated C-Reactive Protein Levels Predict Enhanced Vasoreactivity of the Culprit Lesion, 1471

Angiogenesis

Adenovirus-Mediated Gene Transfer of VEGF₁₂₁ Improves Lower-Extremity Endothelial Function and Flow Reserve, 753

Angiogenesis Therapy: Amidst the Hype, the Neglected Potential for Serious Side Effects, 115

Cell-Based Gene Transfer of Vascular Endothelial Growth Factor Attenuates Monocrotaline-Induced Pulmonary Hypertension, 2242

Cell Transplantation for the Treatment of Acute Myocardial Infarction Using Vascular Endothelial Growth Factor-Expressing Skeletal Myoblasts, 1-207

Disordered Cellular Migration and Angiogenesis in *cd39*-Null Mice, 3109

Enhanced Myocardial Angiogenesis by Gene Transfer With Transplanted Cells, 1-218

Gelatin Sheet Incorporating Basic Fibroblast Growth Factor Enhances Healing of Devascularized Sternum in Diabetic Rats, 1-325

Implantation of Bone Marrow Mononuclear Cells Into Ischemic Myocardium Enhances Collateral Perfusion and Regional Function via Side Supply of Angioblasts, Angiogenic Ligands, and Cytokines, 1046

Microcirculation in Hypertension: A New Target for Treatment? 735

Recombinant Vascular Endothelial Growth Factor Secreted From Tissue-Engineered Bioartificial Muscles Promotes Localized Angiogenesis, 594

Scaffold-Based Three-Dimensional Human Fibroblast Culture Provides a Structural Matrix That Supports Angiogenesis in Infarcted Heart Tissue, 2063

Therapeutic Angiogenesis Induced by Human Hepatocyte Growth Factor Gene in Rat Diabetic Hind Limb Ischemia Model: Molecular Mechanisms of Delayed Angiogenesis in Diabetes, 2344

Vascular Endothelial Growth Factor-B-Deficient Mice Display an Atrial Conduction Defect, 358

Angiography

Effect of an Aggressive Lipid-Lowering Strategy on Progression of Atherosclerosis in the Left Main Coronary Artery From Patients in the Post Coronary Artery Bypass Graft Trial, 2660

Long-Term Prognostic Value of Coronary Calcification Detected by Electron-Beam Computed Tomography in Patients Undergoing Coronary Angiography, 412

Low Hepatic Lipase Activity Is a Novel Risk Factor for Coronary Artery Disease, 3057

Quantification of Coronary Artery Lumen Volume by Digital Angiography: In Vivo Validation, 2351

Randomized Comparison of Coronary Stent Implantation Under Ultrasound or Angiographic Guidance to Reduce Stent Restenosis (OPTICUS Study), 1343

Sustained Suppression of Neointimal Proliferation by Sirolimus-Eluting Stents: One-Year Angiographic and Intravascular Ultrasound Follow-Up, 2007

Angioplasty

Abciximab Readministration: Results of the ReoPro Readministration Registry, 870

Abciximab Suppresses the Rise in Levels of Circulating Inflammatory Markers After Percutaneous Coronary Revascularization, 163

Adenovirus-Mediated Gene Transfer of a Secreted Transforming Growth Factor- β Type II Receptor Inhibits Luminal Loss and Constrictive Remodeling After Coronary Angioplasty and Enhances Adventitial Collagen Deposition, 2595

Admission Troponin T Level Predicts Clinical Outcomes, TIMI Flow, and Myocardial Tissue Perfusion After Primary Percutaneous Intervention for Acute ST-Segment Elevation Myocardial Infarction, 630

Adventitial Cells Do Not Contribute to Neointimal Mass After Balloon Angioplasty of the Rat Common Carotid Artery, 1591

An Iron-Binding Exochelin Prevents Restenosis Due to Coronary Artery Balloon Injury in a Porcine Model, 2222

Apolipoprotein J/Clusterin Is Induced in Vascular Smooth Muscle Cells After Vascular Injury, 1407

Balloon-Protected Carotid Artery Stenting: Relationship of Periprocedural Neurological Complications With the Size of Particulate Debris, 2791

β -Blockers Before Percutaneous Coronary Intervention Do Not Attenuate Postprocedural Creatine Kinase Isoenzyme Rise, 2685

C-Reactive Protein: Linking Inflammation to Cardiovascular Complications, 974

Cerebral Protection With Filter Devices During Carotid Artery Stenting, 12

Clinical and Angiographic Factors Associated With Asymptomatic Restenosis After Percutaneous Coronary Intervention, 2289

Collateral Function in Chronic Total Coronary Occlusions Is Related to Regional Myocardial Function and Duration of Occlusion, 2784

Cost-Effectiveness of Coronary Stenting in Acute Myocardial Infarction: Results From the Stent Primary Angioplasty in Myocardial Infarction (Stent-PAMI) Trial, 3039

Differential Impact on Survival of Electrocardiographic Q-Wave Versus Enzymatic Myocardial Infarction After Percutaneous Intervention: A Device-Specific Analysis of 7147 Patients, 642

"Edge Effect" of ³²P Radioactive Stents Is Caused by the Combination of Chronic Stent Injury and Radioactive Dose Falloff, 2236

Effect of Short Pulsed Nonablative Infrared Laser Irradiation on Vascular Cells In Vitro and Neointimal Hyperplasia in a Rabbit Balloon Injury Model, 1850

Effect of the Distal-Balloon Protection System on Microembolization During Carotid Stenting, 1999

Eplerenone Suppresses Constrictive Remodeling and Collagen Accumulation After Angioplasty in Porcine Coronary Arteries, 467

Eptifibatide and 7E3, but Not Tirofiban, Inhibit $\alpha_v\beta_3$ Integrin-Mediated Binding of Smooth Muscle Cells to Thrombospondin and Prothrombin, 582

Fractional Flow Reserve Compared With Intravascular Ultrasound Guidance for Optimizing Stent Deployment, 1917

- Impact of Smoking on Clinical and Angiographic Restenosis After Percutaneous Coronary Intervention: Another Smoker's Paradox? 773
- Importance of TIMI 3 Flow, 624
- In Vivo Blockade of Tumor Necrosis Factor- α Accelerates Functional Endothelial Recovery After Balloon Angioplasty, 1754
- Incremental Prognostic Value of Elevated Baseline C-Reactive Protein Among Established Markers of Risk in Percutaneous Coronary Intervention, 992
- Intracoronary β -Radiation Exacerbates Long-Term Neointima Formation in Balloon-Injured Pig Coronary Arteries, 2459
- Long-Term Clinical Outcomes After Unprotected Left Main Trunk Percutaneous Revascularization in 279 Patients, 1609
- Neointimal Hyperplasia After Arterial Injury Is Increased in a Rat Model of Non-Insulin-Dependent Diabetes Mellitus, 815
- New Frontiers in Interventional Cardiology: Intravascular Radiation to Prevent Restenosis, 2620
- Normal Flow (TIMI-3) Before Mechanical Reperfusion Therapy Is an Independent Determinant of Survival in Acute Myocardial Infarction: Analysis From the Primary Angioplasty in Myocardial Infarction Trials, 636
- Operator Volume and Clinical Outcomes of Primary Coronary Angioplasty for Patients With Acute Myocardial Infarction, 2155
- Perivascular Inflammation After Balloon Angioplasty of Porcine Coronary Arteries, 2228
- Platelet Glycoprotein IIb/IIIa Inhibitors Reduce Mortality in Diabetic Patients With Non-ST-Segment-Elevation Acute Coronary Syndromes, 2767
- Platelet Reactivity Characterized Prospectively: A Determinant of Outcome 90 Days After Percutaneous Coronary Intervention, 181
- Prevention of Distal Embolization During Coronary Angioplasty in Saphenous Vein Grafts and Native Vessels Using Porous Filter Protection, 2436
- Previous Cytomegalovirus Infection and Restenosis After Coronary Stent Placement, 1135
- Prophylaxis of Restenosis With ^{186}Re -Labeled Stents in a Rabbit Model, 480
- Randomized Comparison of Ticlopidine and Clopidogrel After Intracoronary Stent Implantation in a Broad Patient Population, 539
- Sex-Based Differences in Early Mortality of Patients Undergoing Primary Angioplasty for First Acute Myocardial Infarction, 3034
- Shear-Stress and Wall-Stress Regulation of Vascular Remodeling After Balloon Angioplasty: Effect of Matrix Metalloproteinase Inhibition, 91
- Short-Term Local Delivery of an Inhibitor of Ras Farnesyltransferase Prevents Neointima Formation In Vivo After Porcine Coronary Balloon Angioplasty, 1538
- Simple Bedside Additive Tool for Prediction of In-Hospital Mortality After Percutaneous Coronary Interventions, 263
- Stent Placement Compared With Balloon Angioplasty for Small Coronary Arteries: In-Hospital and 6-Month Clinical and Angiographic Results, 1604
- Stent Placement to Prevent Restenosis After Angioplasty in Small Coronary Arteries, 2029
- Tibioperoneal (Outflow Lesion) Angioplasty Can Be Used as Primary Treatment in 235 Patients With Critical Limb Ischemia: Five-Year Follow-Up, 2057
- Troponins, Necrosettes, Enzyme Leaks, Creatinine Phosphokinase Bumps, and Infarctlets: What's Behind This New Lexicon and What Does It Add? 627
- Volume-Outcome Relation for Physicians and Hospitals Performing Angioplasty for Acute Myocardial Infarction in New York State, 2171
- Angiotensin**
- Aldosterone Induces Angiotensin-Converting-Enzyme Gene Expression in Cultured Neonatal Rat Cardiocytes, 137
- Amelioration of Angiotensin II-Induced Cardiac Injury by a 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitor, 576
- Angiotensin-Converting Enzyme Inhibitor Preserves p21 and Endothelial Nitric Oxide Synthase Expression in Monocrotaline-Induced Pulmonary Arterial Hypertension in Rats, 945
- Angiotensin II Induces Circadian Gene Expression of Clock Genes in Cultured Vascular Smooth Muscle Cells, 1746
- Angiotensin II Type 1 Receptor Blockade Prevents Lethal Malignant Hypertension: Relation to Kidney Inflammation, 1436
- Angiotensin II Type 2 Receptor Is Essential for Left Ventricular Hypertrophy and Cardiac Fibrosis in Chronic Angiotensin II-Induced Hypertension, 346
- Angiotensin II Type 2 Receptor Mediates Vascular Smooth Muscle Cell Apoptosis in Cystic Medial Degeneration Associated With Marfan's Syndrome, 1-282
- AT $_2$, Judgment Day: Which Angiotensin Receptor Is the Culprit in Cardiac Hypertrophy? 247
- Bush Administration and the Democratic Senate Wrestle With Health Care, 244
- Cardioprotective Effects of Ramipril and Losartan in Right Ventricular Pressure Overload in the Rabbit: Importance of Kinins and Influence on Angiotensin II Type 1 Receptor Signaling Pathway, 939
- Current Concepts of the Pathogenesis of the Acute Coronary Syndromes, 365
- Differential Effects of Angiotensin II Versus Endothelin-1 Inhibitions in Hypertrophic Left Ventricular Myocardium During Transition to Heart Failure, 606
- Effects of Candesartan on Cough and Bronchial Hyperresponsiveness in Mildly to Moderately Hypertensive Patients With Symptomatic Asthma, 281
- Effects of Once-Daily Angiotensin-Converting Enzyme Inhibition and Calcium Channel Blockade-Based Antihypertensive Treatment Regimens on Left Ventricular Hypertrophy and Diastolic Filling in Hypertension: The Prospective Randomized Enalapril Study Evaluating Regression of Ventricular Enlargement (PRESERVE) Trial, 1248
- Effects of Ramipril on Coronary Events in High-Risk Persons: Results of the Heart Outcomes Prevention Evaluation Study, 522
- Functional Evidence for a Role of Vascular Chymase in the Production of Angiotensin II in Isolated Human Arteries, 750
- Is Skeletal Myoblast Transplantation Clinically Relevant in the Era of Angiotensin-Converting Enzyme Inhibitors? 1223
- JAK/STAT Signaling Is Associated With Cardiac Dysfunction During Ischemia and Reperfusion, 325
- Load Versus Humoral Activation in the Genesis of Early Hypertensive Heart Disease, 215
- Point Mutation in the Stalk of Angiotensin-Converting Enzyme Causes a Dramatic Increase in Serum Angiotensin-Converting Enzyme But No Cardiovascular Disease, 1236
- Reduction of Cardiovascular Risk by Regression of Electrocardiographic Markers of Left Ventricular Hypertrophy by the Angiotensin-Converting Enzyme Inhibitor Ramipril, 1615
- Renal Considerations in Angiotensin Converting Enzyme Inhibitor Therapy: A Statement for Healthcare Professionals From the Council on the Kidney in Cardiovascular Disease and the Council for High Blood Pressure Research of the American Heart Association, 1985
- Roles of Angiotensin II Type 2 Receptor Stimulation Associated With Selective Angiotensin II Type 1 Receptor Blockade With Valsartan in the Improvement of Inflammation-Induced Vascular Injury, 2716
- Significance of Chymase-Dependent Angiotensin II-Forming Pathway in the Development of Vascular Proliferation, 1274
- Transmyocardial Laser Revascularization Remodels the Intrinsic Cardiac Nervous System in a Chronic Setting, 1-115
- Vascular Hypertrophy and Increased P70S6 Kinase in Mice Lacking the Angiotensin II AT $_2$ Receptor, 2602
- Vasoconstrictor Effect of the Angiotensin-Converting Enzyme-Resistant, Chymase-Specific Substrate [Pro ^{11}D -Ala 12] Angiotensin I in Human Dorsal Hand Veins: In Vivo Demonstration of Non-ACE Production of Angiotensin II in Humans, 1805
- Angiotensin-converting enzyme inhibitors**
- Attenuated Myocardial Vasodilator Response in Patients With Hypertensive Hypertrophy Revealed by Oxygenation-Dependent Magnetic Resonance Imaging, 1214
- Anisotropy**
- Activation Delay After Premature Stimulation in Chronically Diseased Human Myocardium Relates to the Architecture of Interstitial Fibrosis, 3069

Anti-inflammatory agents, nonsteroidal

Cardiovascular Thrombotic Events in Controlled, Clinical Trials of Rofecoxib, 2280

Antiarrhythmia agents

Chronic Amiodarone Evokes No Torsade de Pointes Arrhythmias Despite QT Lengthening in an Animal Model of Acquired Long-QT Syndrome, 2722

Density and Kinetics of I_{Kf} and I_{Kr} in Guinea Pig and Rabbit Ventricular Myocytes Explain Different Efficacy of I_{Kr} Blockade at High Heart Rate in Guinea Pig and Rabbit: Implications for Arrhythmogenesis in Humans, 951

Efficacy of Dofetilide in the Treatment of Atrial Fibrillation-Flutter in Patients With Reduced Left Ventricular Function: A Danish Investigations of Arrhythmia and Mortality ON Dofetilide (DIAMOND) Substudy, 292

Electrophysiological Effects of Ibutilide in Patients With Accessory Pathways, 1933

Ionic Remodeling of Cardiac Purkinje Cells by Congestive Heart Failure, 2095

Antibodies

Anti-Tumor Necrosis Factor- α Antibody Limits Heart Failure in a Transgenic Model, 1094

Double-Blind, Randomized Trial of an Anti-CD18 Antibody in Conjunction With Recombinant Tissue Plasminogen Activator for Acute Myocardial Infarction: Limitation of Myocardial Infarction Following Thrombolysis in Acute Myocardial Infarction (LIMIT AMI) Study, 2778

Inhibition of Mannose-Binding Lectin Reduces Postischemic Myocardial Reperfusion Injury, 1413

Anticoagulants

Activated Protein C Prevents Endotoxin-Induced Hypotension in Rats by Inhibiting Excessive Production of Nitric Oxide, 1171

Dose-Response Study of Recombinant Factor VIIa/Tissue Factor Inhibitor Recombinant Nematode Anticoagulant Protein c2 in Prevention of Postoperative Venous Thromboembolism in Patients Undergoing Total Knee Replacement, 74

Oral Anticoagulation Thresholds, 2311

Antifibrinolytic agents

Aprotinin But Not ϵ -Aminocaproic Acid Decreases Interleukin-10 After Cardiac Surgery With Extracorporeal Circulation: Randomized, Double-Blind, Placebo-Controlled Study in Patients Receiving Aprotinin and ϵ -Aminocaproic Acid, 1-265

Antioxidants

Activation of Signal Transducer and Activator of Transcription 3 Protects Cardiomyocytes from Hypoxia/Reoxygenation-Induced Oxidative Stress Through the Upregulation of Manganese Superoxide Dismutase, 979

Enhanced Generation of Reactive Oxygen Species in the Limb Skeletal Muscles From a Murine Infarct Model of Heart Failure, 134

Endothelial Dysfunction, Oxidative Stress, and Risk of Cardiovascular Events in Patients With Coronary Artery Disease, 2673

Lipid Peroxidation and Platelet Activation in Murine Atherosclerosis, 1940

Short- and Long-Term Black Tea Consumption Reverses Endothelial Dysfunction in Patients With Coronary Artery Disease, 151

Taurine Prevents the Decrease in Expression and Secretion of Extracellular Superoxide Dismutase Induced by Homocysteine: Amelioration of Homocysteine-Induced Endoplasmic Reticulum Stress by Taurine, 1165

Vitamin C Inhibits Endothelial Cell Apoptosis in Congestive Heart Failure, 2182

Aorta

Angiotensin II Type 2 Receptor Mediates Vascular Smooth Muscle Cell Apoptosis in Cystic Medial Degeneration Associated With Marfan's Syndrome, 1-282

Endothelial Cell Dysfunction in Mice After Transgenic Knockout of Type 2, but Not Type 1, 11β -Hydroxysteroid Dehydrogenase, 2832

Increased Aortic Intima-Media Thickness: A Marker of Preclinical Atherosclerosis in High-Risk Children, 2943

p160 Bcr Mediates Platelet-Derived Growth Factor Activation of Extracellular Signal-Regulated Kinase in Vascular Smooth Muscle Cells, 1399

Posterior Pericardial Ascending-to-Descending Aortic Bypass: An Alternative Surgical Approach for Complex Coarctation of the Aorta, 1-133

Regression of Left Ventricular Hypertrophy After Surgical Therapy for Aortic Stenosis Is Associated With Changes in Extracellular Matrix Gene Expression, 1-54

Staged Repair of Extensive Aortic Aneurysms: Morbidity and Mortality in the Elephant Trunk Technique, 2938

Subvalvular Gradients in Patients With Valvular Aortic Stenosis: Prevalence, Magnitude, and Physiological Importance, 1019

Ubiquitous Elevation of Matrix Metalloproteinase-2 Expression in the Vasculature of Patients With Abdominal Aneurysms, 304

Apolipoproteins

Apolipoprotein J/Clusterin Is Induced in Vascular Smooth Muscle Cells After Vascular Injury, 1407

Coronary Heart Disease Prediction From Lipoprotein Cholesterol Levels, Triglycerides, Lipoprotein(a), Apolipoproteins A-I and B, and HDL Density Subfractions: The Atherosclerosis Risk in Communities (ARIC) Study, 1108

Exploiting the Vascular Protective Effects of High-Density Lipoprotein and Its Apolipoproteins: An Idea Whose Time for Testing Is Coming, Part I, 2376

Exploiting the Vascular Protective Effects of High-Density Lipoprotein and its Apolipoproteins: An Idea Whose Time for Testing Is Coming, Part II, 2498

Human Evidence That the Apolipoprotein A-II Gene Is Implicated in Visceral Fat Accumulation and Metabolism of Triglyceride-Rich Lipoproteins, 1223

Isoform-Specific Effects of Apolipoprotein E on Atherogenesis: Gene Transduction Studies in Mice, 2820

Apoptosis

Activation of Lectin-Like Oxidized Low-Density Lipoprotein Receptor-1 Induces Apoptosis in Cultured Neonatal Rat Cardiac Myocytes, 2948

Akt Activation Preserves Cardiac Function and Prevents Injury After Transient Cardiac Ischemia In Vivo, 330

Angiotensin II Type 2 Receptor Mediates Vascular Smooth Muscle Cell Apoptosis in Cystic Medial Degeneration Associated With Marfan's Syndrome, 1-282

Apoptosis of Endothelial Cells Precedes Myocyte Cell Apoptosis in Ischemia/Reperfusion Injury, 253

In Cardiomyocyte Hypoxia, Insulin-Like Growth Factor-I-Induced Antiapoptotic Signaling Requires Phosphatidylinositol-3-OH-Kinase-Dependent and Mitogen-Activated Protein Kinase-Dependent Activation of the Transcription Factor cAMP Response Element-Binding Protein, 2088

Overexpression of Interleukin-1 Receptor Antagonist Provides Cardioprotection Against Ischemia-Reperfusion Injury Associated With Reduction in Apoptosis, 1-308

Pioglitazone Enhances Cytokine-Induced Apoptosis in Vascular Smooth Muscle Cells and Reduces Intimal Hyperplasia, 455

Protection Against Oxidized Low-Density Lipoprotein-Induced Vascular Endothelial Cell Death by Integrin-Linked Kinase, 2762

Vitamin C Inhibits Endothelial Cell Apoptosis in Congestive Heart Failure, 2182

Aprotinin

Aprotinin But Not ϵ -Aminocaproic Acid Decreases Interleukin-10 After Cardiac Surgery With Extracorporeal Circulation: Randomized, Double-Blind, Placebo-Controlled Study in Patients Receiving Aprotinin and ϵ -Aminocaproic Acid, 1-265

Arginine

Homocysteine Impairs the Nitric Oxide Synthase Pathway: Role of Asymmetric Dimethylarginine, 2569

Arrhythmia

Activation Delay After Premature Stimulation in Chronically Diseased Human Myocardium Relates to the Architecture of Interstitial Fibrosis, 3069

Atrial Electroanatomic Remodeling After Circumferential Radiofrequency Pulmonary Vein Ablation: Efficacy of an Anatomic Approach in a Large Cohort of Patients With Atrial Fibrillation, 2539

Brugada Syndrome: Why Are There Multiple Answers to a Simple Question? 3017

- C-Reactive Protein Elevation in Patients With Atrial Arrhythmias: Inflammatory Mechanisms and Persistence of Atrial Fibrillation, 2886
- Catheter Stimulation of Cardiac Parasympathetic Nerves in Humans: A Novel Approach to the Cardiac Autonomic Nervous System, 2430
- De Novo Mutation in the *SCN5A* Gene Associated With Early Onset of Sudden Infant Death, 1158
- Different Patterns of Interatrial Conduction in Clockwise and Counterclockwise Atrial Flutter, 1153
- Dispatcher-Assisted Cardiopulmonary Resuscitation and Survival in Cardiac Arrest, 2513
- Effects of Angiotensin-Converting Enzyme Inhibition on the Development of the Atrial Fibrillation Substrate in Dogs With Ventricular Tachypacing-Induced Congestive Heart Failure, 2608
- Efficacy of Dofetilide in the Treatment of Atrial Fibrillation-Flutter in Patients With Reduced Left Ventricular Function: A Danish Investigations of Arrhythmia and Mortality ON Dofetilide (DIAMOND) Substudy, 292
- Electrical Remodeling in Pressure-Overload Cardiac Hypertrophy: Role of Calcineurin, 1657
- Heterogeneous Expression of Gap Junction Channels in the Heart Leads to Conduction Defects and Ventricular Dysfunction, 1194
- Imaging Dispersion of Myocardial Repolarization, I-: Comparison of Body-Surface and Epicardial Measures, 1299
- Imaging Dispersion of Myocardial Repolarization, I-I: Noninvasive Reconstruction of Epicardial Measures, 1306
- Impaired Myofibrillar Energetics and Oxidative Injury During Human Atrial Fibrillation, 174
- Influence of Atrial Fibrillation on Outcome Following Mitral Valve Repair, I-59
- Investigation of Coronary Venous Anatomy by Retrograde Venography in Patients With Malignant Ventricular Tachycardia, 442
- Ionic Mechanism of Delayed Afterdepolarizations in Ventricular Cells Isolated From Human End-Stage Failing Hearts, 2728
- Long-QT Syndrome-Associated Missense Mutations in the Pore Helix of the HERG Potassium Channel, 1071
- Mechanism of Syncope in Patients With Bundle Branch Block and Negative Electrophysiological Test, 2045
- Mechanism of Syncope in Patients With Isolated Syncope and in Patients With Tilt-Positive Syncope, 1261
- Mechanoelectrical Feedback: Role of β -Adrenergic Receptor Activation in Mediating Load-Dependent Shortening of Ventricular Action Potential and Refractoriness, 486
- Novel *SCN5A* Mutation Leading Either to Isolated Cardiac Conduction Defect or Brugada Syndrome in a Large French Family, 3081
- Prediction of Long-Term Outcomes by Signal-Averaged Electrocardiography in Patients With Unsustained Ventricular Tachycardia, Coronary Artery Disease, and Left Ventricular Dysfunction, 436
- Radiofrequency Catheter Ablation in Infants ≤ 18 Months Old: When Is It Done and How Do They Fare? Short-Term Data From the Pediatric Ablation Registry, 2803
- Simultaneous Noncontact Mapping of Left Atrium in Patients With Paroxysmal Atrial Fibrillation, 297
- Spatial Heterogeneity of Calcium Transient Alternans During the Early Phase of Myocardial Ischemia in the Blood-Perfused Rabbit Heart, 2082
- Ventricular Arrhythmia Vulnerability in Cardiomyopathic Mice With Homozygous Mutant Myosin-Binding Protein C Gene, 2734
- Wolff-Parkinson-White Syndrome: A Genetic Disease? 3014
- Arteries**
- Adenovirus-Mediated Heme Oxygenase-1 Gene Delivery Inhibits Injury-Induced Vascular Neointima Formation, 2710
- Central Arterial Compliance Is Associated With Age- and Habitual Exercise-Related Differences in Cardiovascular Baroreflex Sensitivity, 1627
- Circulating Microparticles From Patients With Myocardial Infarction Cause Endothelial Dysfunction, 2649
- Clinical and Angiographic Effects of Chronic Calcium Channel Blocker Therapy Continued Beyond First Postoperative Year in Patients With Radial Artery Grafts: Results of a Prospective Randomized Investigation, I-64
- Coronary Artery Bypass With Only In Situ Bilateral Internal Thoracic Arteries and Right Gastroepiploic Artery, I-76
- Development of Robotic Enhanced Endoscopic Surgery for the Treatment of Coronary Artery Disease, I-102
- Eplerenone Suppresses Constrictive Remodeling and Collagen Accumulation After Angioplasty in Porcine Coronary Arteries, 467
- Functional Evidence for a Role of Vascular Chymase in the Production of Angiotensin II in Isolated Human Arteries, 750
- Improved Arterial Compliance by a Novel Advanced Glycation End-Product Crosslink Breaker, 1464
- Intracoronary Infusion of Skeletal Myoblasts Improves Cardiac Function in Doxorubicin-Induced Heart Failure, I-213
- Physiological Transport Forces Govern Drug Distribution for Stent-Based Delivery, 600
- Platelet Inhibition Reduces Cyclic Flow Variations and Neointimal Proliferation in Normal and Hypercholesterolemic Atherosclerotic Canine Coronary Arteries, 2331
- Quantification of Coronary Artery Lumen Volume by Digital Angiography: In Vivo Validation, 2351
- Roles of Angiotensin II Type 2 Receptor Stimulation Associated With Selective Angiotensin II Type 1 Receptor Blockade With Valsartan in the Improvement of Inflammation-Induced Vascular Injury, 2716
- Short-Term Local Delivery of an Inhibitor of Ras Farnesyltransferase Prevents Neointima Formation In Vivo After Porcine Coronary Balloon Angioplasty, 1538
- Stent Placement Compared With Balloon Angioplasty for Small Coronary Arteries: In-Hospital and 6-Month Clinical and Angiographic Results, 1604
- Vascular Dysfunction After Repair of Coarctation of the Aorta: Impact of Early Surgery, I-165
- Arteriogenesis**
- Therapeutic Arteriogenesis Has Arrived, 1994
- Arteriosclerosis**
- Accelerated Atherosclerosis, Aortic Aneurysm Formation, and Ischemic Heart Disease in Apolipoprotein E/Endothelial Nitric Oxide Synthase Double-Knockout Mice, 448
- Hypertension Does Not Account for the Accelerated Atherosclerosis and Development of Aneurysms in Male Apolipoprotein E/Endothelial Nitric Oxide Synthase Double Knockout Mice, 2391
- Inducible Nitric Oxide Synthase Inhibition of Weibel-Palade Body Release in Cardiac Transplant Rejection, 2369
- Ultrasonic Echolucent Carotid Plaques Predict Future Strokes, 68
- Use of Intravascular Ultrasound to Compare Effects of Different Strategies of Lipid-Lowering Therapy on Plaque Volume and Composition in Patients With Coronary Artery Disease, 387
- Aspirin**
- Effects of Selective Cyclooxygenase-2 Inhibition on Vascular Responses and Thrombosis in Canine Coronary Arteries, 820
- PI¹² Polymorphism of β_1 Integrins Is Associated With Enhanced Thrombin Generation and Impaired Antithrombotic Action of Aspirin at the Site of Microvascular Injury, 2666
- Asthma**
- Effects of Candesartan on Cough and Bronchial Hyperresponsiveness in Mildly to Moderately Hypertensive Patients With Symptomatic Asthma, 281
- Atherosclerosis**
- 12/15-Lipoxygenase Gene Disruption Attenuates Atherogenesis in LDL Receptor-Deficient Mice, 1646
- Abnormal Epicardial Coronary Resistance in Patients With Diffuse Atherosclerosis but "Normal" Coronary Angiography, 2401
- Adenovirus-Mediated Heme Oxygenase-1 Gene Transfer Inhibits the Development of Atherosclerosis in Apolipoprotein E-Deficient Mice, 1519
- Are ACE Inhibitors a "Magic Bullet" Against Oxidative Stress? 1571
- Atherosclerosis, Autoimmunity, and Systemic Lupus Erythematosus, 1876
- Biomechanical Strain Induces Class A Scavenger Receptor Expression in Human Monocyte/Macrophages and THP-1 Cells: A Potential Mechanism of Increased Atherosclerosis in Hypertension, 109
- C-Reactive Protein Is an Independent Predictor of the Rate of Increase in Early Carotid Atherosclerosis, 63
- C-Reactive Protein, Insulin Resistance, Central Obesity, and Coronary Heart Disease Risk in Indian Asians From the United Kingdom Compared With European Whites, 145
- Carotid Filters: New Additions to the Interventionist's Toolbox, 2

- Carotid Intimal-Medial Thickness Is Related to Cardiovascular Risk Factors Measured From Childhood Through Middle Age: The Muscatine Study, 2815
- Cholesterol in Vascular and Valvular Calcification, 1881
- Coexpression of Endothelin-Converting Enzyme-1 and Endothelin-1 in Different Stages of Human Atherosclerosis, 864
- Coronary Endothelial Dysfunction After Heart Transplantation Predicts Allograft Vasculopathy and Cardiac Death, 3091
- Current Concepts of the Pathogenesis of the Acute Coronary Syndromes, 365
- Decreased Coagulability Has No Clinically Relevant Effect on Atherogenesis: Observations in Individuals With a Hereditary Bleeding Tendency, 762
- Detection of Monocyte Chemoattractant Protein-1 Receptor Expression in Experimental Atherosclerotic Lesions: An Autoradiographic Study, 203
- Effects of Lipid-Lowering by Simvastatin on Human Atherosclerotic Lesions: A Longitudinal Study by High-Resolution, Noninvasive Magnetic Resonance Imaging, 249
- Estrogen Receptor-Mediated, Nitric Oxide-Dependent Modulation of the Immunologic Barrier Function of the Endothelium: Regulation of Fas Ligand Expression by Estradiol, 2576
- Exploiting the Vascular Protective Effects of High-Density Lipoprotein and Its Apolipoproteins: An Idea Whose Time for Testing Is Coming, Part I, 2376
- Exploiting the Vascular Protective Effects of High-Density Lipoprotein and its Apolipoproteins: An Idea Whose Time for Testing Is Coming, Part II, 2498
- Expression of Interleukin-18 in Human Atherosclerotic Plaques and Relation to Plaque Instability, 1598
- Expression of Neutrophil Collagenase (Matrix Metalloproteinase-8) in Human Atheroma: A Novel Collagenolytic Pathway Suggested by Transcriptional Profiling, 1899
- Heme Oxygenase-1 Inhibits Atherogenesis in Watanabe Heritable Hyperlipidemic Rabbits, 1831
- High-Density Lipoprotein and the Dynamics of Atherosclerotic Lesions, 2386
- High-Density Lipoproteins and Endothelial Function, 1978
- Homocysteine Impairs the Nitric Oxide Synthase Pathway: Role of Asymmetric Dimethylarginine, 2569
- Immunopathogenesis of Atherosclerosis: Endotoxin Accelerates Atherosclerosis in Rabbits on Hypercholesterolemic Diet, 914
- Impact of Viral and Bacterial Infectious Burden on Long-Term Prognosis in Patients With Coronary Artery Disease, 25
- In Vivo Accuracy of Multispectral Magnetic Resonance Imaging for Identifying Lipid-Rich Necrotic Cores and Intraplaque Hemorrhage in Advanced Human Carotid Plaques, 2051
- In Vivo Downregulation of T Helper Cell 1 Immune Responses Reduces Atherogenesis in Apolipoprotein E-Knockout Mice, 197
- Increased Aortic Intima-Media Thickness: A Marker of Preclinical Atherosclerosis in High-Risk Children, 2943
- Induction of NAD(P)H Oxidase by Oxidized Low-Density Lipoprotein in Human Endothelial Cells: Antioxidative Potential of Hydroxymethylglutaryl Coenzyme A Reductase Inhibitor Therapy, 1767
- Lipid Peroxidation and Platelet Activation in Murine Atherosclerosis, 1940
- Low Hepatic Lipase Activity Is a Novel Risk Factor for Coronary Artery Disease, 3057
- Matrix Metalloproteinase Hypothesis of Plaque Rupture: Players Keep Piling Up But Questions Remain, 1878
- Mildly Oxidized LDL Induces Activation of Platelet-Derived Growth Factor β -Receptor Pathway, 1814
- Nicotine Does Not Influence Arterial Lipid Deposits in Rabbits Exposed to Second-Hand Smoke, 810
- Overexpression of Functionally Coupled Cyclooxygenase-2 and Prostaglandin E Synthase in Symptomatic Atherosclerotic Plaques as a Basis of Prostaglandin E₂-Dependent Plaque Instability, 921
- Platelet Inhibition Reduces Cyclic Flow Variations and Neointimal Proliferation in Normal and Hypercholesterolemic-Atherosclerotic Canine Coronary Arteries, 2331
- Preventing Heart Attack and Death in Patients With Atherosclerotic Cardiovascular Disease: 2001 Update: Consensus Panel Guide to Comprehensive Risk Reduction for Patients With Coronary and Other Atherosclerotic Vascular Disease, 1577
- Progression of Aortic Valve Calcification: Association With Coronary Atherosclerosis and Cardiovascular Risk Factors, 1927
- Prophylaxis of Restenosis With ¹⁰⁶Re-Labeled Stents in a Rabbit Model, 480
- Risk Factors for Cardiovascular Disease in Systemic Lupus Erythematosus, 1887
- Role of Endothelin-1 in the Active Constriction of Human Atherosclerotic Coronary Arteries, 1114
- Single Nucleotide Polymorphisms in Multiple Novel Thrombospondin Genes May Be Associated With Familial Premature Myocardial Infarction, 2641
- Soluble CD40L and Cardiovascular Risk in Women, 2266
- Synergistic Effect of Urotensin II With Mildly Oxidized LDL on DNA Synthesis in Vascular Smooth Muscle Cells, 16
- Taurine Prevents the Decrease in Expression and Secretion of Extracellular Superoxide Dismutase Induced by Homocysteine: Amelioration of Homocysteine-Induced Endoplasmic Reticulum Stress by Taurine, 1165
- Toll-Like Receptor-4 Is Expressed by Macrophages in Murine and Human Lipid-Rich Atherosclerotic Plaques and Upregulated by Oxidized LDL, 3103
- Upregulation of CD40 and CD40 Ligand (CD154) in Patients With Moderate Hypercholesterolemia, 2395
- Use of Human Immunodeficiency Virus-1 Protease Inhibitors Is Associated With Atherogenic Lipoprotein Changes and Endothelial Dysfunction, 257
- Atrial fibrillation**
- Chronic Atrial Fibrillation in Patients With Rheumatic Heart Disease: Mapping and Radiofrequency Ablation of Flutter Circuits Seen at Initiation After Cardioversion, 802
- Atrial flutter**
- Atrial Therapies Reduce Atrial Arrhythmia Burden in Defibrillator Patients, 1023
- Bilateral Activation in Isthmus-Dependent Atrial Flutter, 2545
- Different Patterns of Interatrial Conduction in Clockwise and Counterclockwise Atrial Flutter, 1153
- Effects of Cavotricuspid Isthmus Ablation on Atrioventricular Node Electrophysiology in Patients With Typical Atrial Flutter, 1501
- Efficacy of Pacing Therapies for Treating Atrial Tachyarrhythmias in Patients With Ventricular Arrhythmias Receiving a Dual-Chamber Implantable Cardioverter Defibrillator, 887
- Atrioventricular node**
- Demonstration of the Exact Anatomic Tachycardia Circuit in the Fast-Slow Form of Atrioventricular Nodal Reentrant Tachycardia, 1268
- Effects of Cavotricuspid Isthmus Ablation on Atrioventricular Node Electrophysiology in Patients With Typical Atrial Flutter, 1501
- His Electrogram Alternans Reveal Dual-Wavefront Inputs Into and Longitudinal Dissociation Within the Bundle of His, 832
- Atrium**
- Atrial Therapies Reduce Atrial Arrhythmia Burden in Defibrillator Patients, 1023
- Effects of Angiotensin-Converting Enzyme Inhibition on the Development of the Atrial Fibrillation Substrate in Dogs With Ventricular Tachypacing-Induced Congestive Heart Failure, 2608
- Novel PRKAG2 Mutation Responsible for the Genetic Syndrome of Ventricular Preexcitation and Conduction System Disease With Childhood Onset and Absence of Cardiac Hypertrophy, 3030
- Right Atrial Septal Electrode for Reducing the Atrial Defibrillation Threshold, 1066
- Use of Intracardiac Echocardiography to Guide Ablation of Atrial Fibrillation, 3010
- Vascular Endothelial Growth Factor-B-Deficient Mice Display an Atrial Conduction Defect, 358
- Autoradiography**
- Detection of Monocyte Chemoattractant Protein-1 Receptor Expression in Experimental Atherosclerotic Lesions: An Autoradiographic Study, 203
- B**
- Balloon**
- Are Outcomes of Surgical Versus Transcatheter Balloon Valvotomy Equivalent in Neonatal Critical Aortic Stenosis? 1152

- Intracoronary Brachytherapy in the Porcine Model: A Different Animal, 2388
- Stent Placement Compared With Balloon Angioplasty for Small Coronary Arteries: In-Hospital and 6-Month Clinical and Angiographic Results, 1604
- Bandwidth**
- Minimum Bandwidth Requirements for Recording of Pediatric Electrocardiograms, 3087
- Baroreceptors**
- Central Arterial Compliance Is Associated With Age- and Habitual Exercise-Related Differences in Cardiovascular Baroreflex Sensitivity, 1627
- Peripheral Chemoreceptor Hypersensitivity: An Ominous Sign in Patients With Chronic Heart Failure, 544
- Sequential Modulation of Cardiac Autonomic Control Induced by Cardiopulmonary and Arterial Baroreflex Mechanisms, 2932
- Baroreflex**
- Muscle Ergoreceptor Overactivity Reflects Deterioration in Clinical Status and Cardiorespiratory Reflex Control in Chronic Heart Failure, 2324
- Biopsy**
- Reduced Myocardial Sarcoplasmic Reticulum Ca^{2+} -ATPase mRNA Expression and Biphasic Force-Frequency Relations in Patients With Hypertrophic Cardiomyopathy, 658
- Birth weight**
- Birth Weight and Blood Pressure in Young Adults: A Prospective Twin Study, 1633
- β -Blockers**
- β -Blockers Before Percutaneous Coronary Intervention Do Not Attenuate Postprocedural Creatine Kinase Isoenzyme Rise, 2685
- Gap Junction Blockers Decrease Defibrillation Thresholds Without Changes in Ventricular Refractoriness in Isolated Rabbit Hearts, 1544
- Permanent Cardiac Pacing Versus Medical Treatment for the Prevention of Recurrent Vasovagal Syncope: A Multicenter, Randomized, Controlled Trial, 52
- Blood cells**
- Implantation of Bone Marrow Mononuclear Cells Into Ischemic Myocardium Enhances Collateral Perfusion and Regional Function via Side Supply of Angioblasts, Angiogenic Ligands, and Cytokines, 1046
- Blood flow**
- Abnormal Epicardial Coronary Resistance in Patients With Diffuse Atherosclerosis but "Normal" Coronary Angiography, 2401
- Abnormal Longitudinal, Base-to-Apex Myocardial Perfusion Gradient by Quantitative Blood Flow Measurements in Patients With Coronary Risk Factors, 527
- Bradykinin Contributes to the Vasodilator Effects of Chronic Angiotensin-Converting Enzyme Inhibition in Patients With Heart Failure, 2177
- Comparison of Real-Time and Intermittent Triggered Myocardial Contrast Echocardiography for Quantification of Coronary Stenosis Severity and Transmural Perfusion Gradient, 1550
- Coronary Thermomodulation to Assess Flow Reserve: Experimental Validation, 2003
- Folic Acid Prevents Nitroglycerin-Induced Nitric Oxide Synthase Dysfunction and Nitrate Tolerance: A Human In Vivo Study, 1119
- Impact of Inspired Gas Mixtures on Preoperative Infants With Hypoplastic Left Heart Syndrome During Controlled Ventilation, 1-159
- Insulin Resistance, Hyperlipidemia, and Hypertension in Mice Lacking Endothelial Nitric Oxide Synthase, 342
- Microvascular Dysfunction in Chronic Total Coronary Occlusions, 1129
- Mitochondrial Coupling Factor 6 Is Present on the Surface of Human Vascular Endothelial Cells and Is Released by Shear Stress, 3132
- Noninvasive Determination of Spatially Resolved and Time-Resolved Tissue Perfusion in Humans During Nitric Oxide Inhibition and Inhalation by Use of a Visible-Reflectance Hyperspectral Imaging Technique, 2905
- Platelet Inhibition Reduces Cyclic Flow Variations and Neointimal Proliferation in Normal and Hypercholesterolemic-Atherosclerotic Canine Coronary Arteries, 2331
- Transmural Distribution of Three-Dimensional Systolic Strains in Stunned Myocardium, 336
- Blood pressure**
- Alterations of Cardiac Structure in Patients With Isolated Office, Ambulatory, or Home Hypertension: Data From the General Population (Pressione Arteriose Monitorate E Loro Associazioni [PAMELA] Study), 1385
- Birth Weight and Blood Pressure in Young Adults: A Prospective Twin Study, 1633
- Effect of Aging on the Prognostic Significance of Ambulatory Systolic, Diastolic, and Pulse Pressure in Essential Hypertension, 783
- Left Ventricular Hypertrophy as an Independent Predictor of Acute Cerebrovascular Events in Essential Hypertension, 2039
- Maternal Energy Stores and Diet Composition During Pregnancy Program Adolescent Blood Pressure, 1034
- Point Mutation in the Stalk of Angiotensin-Converting Enzyme Causes a Dramatic Increase in Serum Angiotensin-Converting Enzyme But No Cardiovascular Disease, 1236
- Predisposition to Vasovagal Syncope in Subjects With Blood/Injury Phobia, 903
- Reduced Functional Expression and Molecular Synthesis of Inducible Nitric Oxide Synthase in Rostral Ventrolateral Medulla of Spontaneously Hypertensive Rats, 1676
- Sympathetic Neural Mechanisms in Normal and Hypertensive Pregnancy in Humans, 2200
- Vascular Abnormalities and Elevated Blood Pressure in Mice Lacking Adrenomedullin Gene, 1964
- Body composition**
- A 30-Year Follow-Up of the Dallas Bed Rest and Training Study: I. Effect of Age on the Cardiovascular Response to Exercise, 1350
- Book Reviews**
- Arrhythmias, 2nd Ed, e135
- Coronary Angioscopy, e143
- Drugs for the Heart, 5th ed, e67
- Echocardiography in Clinical Practice: A Case-Oriented Approach, e138
- Electrocardiography of Clinical Arrhythmias, e136
- Etiology and Morphogenesis of Congenital Heart Disease: Twenty Years of Progress in Genetics and Developmental Biology, e63
- Foundations of Cardiac Arrhythmias: Basic Concepts and Clinical Approaches, e66
- Grossman's Cardiac Catheterization, Angiography, and Intervention, 6th ed, e70
- Handbook of Vascular Brachytherapy, 2nd ed, e69
- Heart Failure Management, e65
- Management of Acute Coronary Syndromes, e137
- Mergers of Teaching Hospitals in Boston, New York, and Northern California, e142
- Moss and Adams' Heart Disease in Infants, Children, and Adolescents, Including the Fetus and Young Adult, 6th Ed, e139
- Professor Hein J.J. Wellens: 33 Years of Cardiology and Arrhythmology, e64
- Techniques in Coronary Artery Stenting, e68
- Understanding Disease: How Your Heart, Lungs, Blood, and Blood Vessels Function and Respond to Treatment, e62
- Vascular Intervention: A Clinical Approach, e141
- Bradykinin**
- Bradykinin Contributes to the Vasodilator Effects of Chronic Angiotensin-Converting Enzyme Inhibition in Patients With Heart Failure, 2177
- Endothelium-Mediated Relaxation of Porcine Collateral-Dependent Arterioles Is Improved by Exercise Training, 1393
- Brain**
- Central Hypotensive Action of Clonidine Requires Nitric Oxide, 1884
- Neuroprotective Effect of Mild Hypothermia in Patients Undergoing Coronary Artery Surgery With Cardiopulmonary Bypass: A Randomized Trial, 1-85
- Bundle-branch block**
- Brugada Syndrome: Why Are There Multiple Answers to a Simple Question? 3017
- Effect of Resynchronization Therapy Stimulation Site on the Systolic Function of Heart Failure Patients, 3026
- Novel *SCN5A* Mutation Leading Either to Isolated Cardiac Conduction Defect or Brugada Syndrome in a Large French Family, 3081

Bypass

- Autologous Endothelialized Vein Allograft: A Solution in the Search for Small-Caliber Grafts in Coronary Artery Bypass Graft Operations, 1-108
- Comparison of Nitric Oxide Release and Endothelium-Derived Hyperpolarizing Factor-Mediated Hyperpolarization Between Human Radial and Internal Mammary Arteries, 1-344
- Coronary Artery Bypass With Only In Situ Bilateral Internal Thoracic Arteries and Right Gastroepiploic Artery, 1-76
- Development of Robotic Enhanced Endoscopic Surgery for the Treatment of Coronary Artery Disease, 1-102
- Posterior Pericardial Ascending-to-Descending Aortic Bypass: An Alternative Surgical Approach for Complex Coarctation of the Aorta, 1-133
- Prior Coronary Artery Bypass Surgery and Risk of Death Among Patients With Ischemic Left Ventricular Dysfunction, 1489
- Superiority of Bilateral Internal Thoracic Artery Grafting: It's Been a Long Time Comin', 2152
- Waiting for Cardiac Surgery: Results of a Risk-Stratified Queuing Process, 1-92

C**C-reactive protein**

- C-Reactive Protein Elevation in Patients With Atrial Arrhythmias: Inflammatory Mechanisms and Persistence of Atrial Fibrillation, 2886
- C-Reactive Protein Is an Independent Predictor of the Rate of Increase in Early Carotid Atherosclerosis, 63

Calcineurin

- Calcineurin Inhibition in Hypertrophy: Back From the Dead! 9
- Calcineurin Plays a Critical Role in the Development of Pressure Overload-Induced Cardiac Hypertrophy, 97
- Isoproterenol Activates Extracellular Signal-Regulated Protein Kinases in Cardiomyocytes Through Calcineurin, 102

Calcium

- β -Adrenergic Receptor Blockers Restore Cardiac Calcium Release Channel (Ryanodine Receptor) Structure and Function in Heart Failure, 2843
- Activation of Heat-Shock Factor by Stretch-Activated Channels in Rat Hearts, 209
- Cholesterol in Vascular and Valvular Calcification, 1881
- Coronary Artery Calcification in Older Adults to Age 99: Prevalence and Risk Factors, 2679
- Effects of Once-Daily Angiotensin-Converting Enzyme Inhibition and Calcium Channel Blockade-Based Antihypertensive Treatment Regimens on Left Ventricular Hypertrophy and Diastolic Filling in Hypertension: The Prospective Randomized Enalapril Study Evaluating Regression of Ventricular Enlargement (PRESERVE) Trial, 1248
- Electrical Remodeling in Pressure-Overload Cardiac Hypertrophy: Role of Calcineurin, 1657
- Electrophysiological Alterations After Mechanical Circulatory Support in Patients With Advanced Cardiac Failure, 1241
- Expression of Inducible Nitric Oxide Synthase Depresses β -Adrenergic-Stimulated Calcium Release From the Sarcoplasmic Reticulum in Intact Ventricular Myocytes, 2961
- Gender Influences $[Ca^{2+}]_i$ During Metabolic Inhibition in Myocytes Overexpressing the Na^+-Ca^{2+} Exchanger, 2101
- Heart Failure After Myocardial Infarction: Altered Excitation-Contraction Coupling, 688
- Improvement in Survival and Cardiac Metabolism After Gene Transfer of Sarcoplasmic Reticulum Ca^{2+} -ATPase in a Rat Model of Heart Failure, 1424
- Inhibition of Tumor Necrosis Factor- α Improves Postischemic Recovery of Hypertrophied Hearts, 1-350
- Ionic Mechanism of Delayed Afterdepolarizations in Ventricular Cells Isolated From Human End-Stage Failing Hearts, 2728
- Isoproterenol Activates Extracellular Signal-Regulated Protein Kinases in Cardiomyocytes Through Calcineurin, 102
- Long-Term Prognostic Value of Coronary Calcification Detected by Electron-Beam Computed Tomography in Patients Undergoing Coronary Angiography, 412

Myocardial Contractile Function and Heart Rate in Mice With Myocyte-Specific Overexpression of Endothelial Nitric Oxide Synthase, 3097

Patients With End-Stage Congestive Heart Failure Treated With β -Adrenergic Receptor Antagonists Have Improved Ventricular Myocyte Calcium Regulatory Protein Abundance, 1012

Reduced Sarco/Endoplasmic Reticulum Ca^{2+} Uptake Activity Can Account for the Reduced Response to NO, but Not Sodium Nitroprusside, in Hypercholesterolemic Rabbit Aorta, 1040

Spatial Heterogeneity of Calcium Transient Alternans During the Early Phase of Myocardial Ischemia in the Blood-Perfused Rabbit Heart, 2082

Unstable Coronary Plaque and Its Relation to Coronary Calcium, 1682

Capillaries

Microcirculation in Hypertension: A New Target for Treatment? 735

Carcinoid

Surgical Management of Left-Sided Carcinoid Heart Disease, 1-36

Cardiac arrest

Primary Prevention of Sudden Death With Implantable Defibrillator Therapy in Patients With Cardiac Disease: Can We Afford to Do It? (Can We Afford Not To?), 1564

Cardiac hypertrophy

AT₂, Judgment Day: Which Angiotensin Receptor Is the Culprit in Cardiac Hypertrophy? 247

Cardiac output

A 30-Year Follow-Up of the Dallas Bed Rest and Training Study: II. Effect of Age on Cardiovascular Adaptation to Exercise Training, 1358

Altered Autonomic Support of Arterial Blood Pressure With Age in Healthy Men, 2424

Impact of Inspired Gas Mixtures on Preoperative Infants With Hypoplastic Left Heart Syndrome During Controlled Ventilation, 1-159

Parasympathetic Neural Activity Accounts for the Lowering of Exercise Heart Rate at High Altitude, 1785

Cardiomyopathy

Advances in the Understanding of Myocarditis, 1076

Calcineurin Inhibition in Hypertrophy: Back From the Dead! 9

Differential Regulation of Mitogen-Activated Protein Kinases in the Failing Human Heart in Response to Mechanical Unloading, 2273

Human Cocksackie-Adenovirus Receptor Is Colocalized With Integrins $\alpha_3\beta_3$ and $\alpha_5\beta_3$ on the Cardiomyocyte Sarcolemma and Upregulated in Dilated Cardiomyopathy: Implications for Cardiotropic Viral Infections, 275

Hypertrophic Cardiomyopathy: From Bedside to Bench . . . And Now Back Again? 126

Hypertrophic Cardiomyopathy: Histopathological Features of Sudden Death in Cardiac Troponin T Disease, 1380

Impact of Atrial Fibrillation on the Clinical Course of Hypertrophic Cardiomyopathy, 2517

Inflammatory Cardiomyopathy (Myocarditis): Which Patients Should Be Treated With Anti-Inflammatory Therapy? 4

Initial Effects of the Left Ventricular Repair by Plication May Not Last Long in a Rat Ischemic Cardiomyopathy Model, 1-241

Intracoronary Infusion of Skeletal Myoblasts Improves Cardiac Function in Doxorubicin-Induced Heart Failure, 1-213

New Concepts in Hypertrophic Cardiomyopathies, Part I, 2113

New Concepts in Hypertrophic Cardiomyopathies, Part II, 2249

Novel Cardiac Troponin T Mutation as a Cause of Familial Dilated Cardiomyopathy, 2188

Passive Containment and Reverse Remodeling by a Novel Textile Cardiac Support Device, 1-270

Pathogenesis of Mitral Regurgitation in Tachycardia-Induced Cardiomyopathy, 1-47

Protection Against Autoimmune Myocarditis by Gene Transfer of Interleukin-10 by Electroporation, 1098

Randomized, Placebo-Controlled Study for Immunosuppressive Treatment of Inflammatory Dilated Cardiomyopathy: Two-Year Follow-Up Results, 39

Reduced Myocardial Sarcoplasmic Reticulum Ca^{2+} -ATPase mRNA Expression and Biphasic Force-Frequency Relations in Patients With Hypertrophic Cardiomyopathy, 658

Tissue Doppler Imaging Consistently Detects Myocardial Abnormalities in Patients With Hypertrophic Cardiomyopathy and Provides

- a Novel Means for an Early Diagnosis Before and Independently of Hypertrophy, 128
- Ventricular Arrhythmia Vulnerability in Cardiomyopathic Mice With Homozygous Mutant Myosin-Binding Protein C Gene, 2734
- Cardioplegia**
- All-Blood (Miniplegia) Versus Dilute Cardioplegia in Experimental Surgical Revascularization of Evolving Infarction, 1-296
- Cardiopulmonary bypass**
- Aprotinin, Blood Loss, and Renal Dysfunction in Deep Hypothermic Circulatory Arrest, 1-276
- Biochemical and Structural Evidence for Pig Myocardium Adherens Junction Disruption by Cardiopulmonary Bypass, 1-319
- Cardiac Gene Delivery With Cardiopulmonary Bypass, 131
- Early Outcome After Off-Pump Versus On-Pump Coronary Bypass Surgery: Results From a Randomized Study, 1761
- Effects of Hematocrit on Cerebral Microcirculation and Tissue Oxygenation During Deep Hypothermic Bypass, 1-260
- Incidence, Predictors, and Significance of Abnormal Cardiac Enzyme Rise in Patients Treated With Bypass Surgery in the Arterial Revascularization Therapies Study (ARTS), 2689
- Modified Ultrafiltration Reduces Morbidity After Adult Cardiac Operations: A Prospective, Randomized Clinical Trial, 1-253
- Neuroprotective Effect of Mild Hypothermia in Patients Undergoing Coronary Artery Surgery With Cardiopulmonary Bypass: A Randomized Trial, 1-85
- Off-Pump Coronary Bypass Surgery: In Search of an Identity, 1743
- Ventricular Dysfunction After Cardioplegic Arrest Is Improved After Myocardial Gene Transfer of a β -Adrenergic Receptor Kinase Inhibitor, 2069
- Cardiopulmonary resuscitation**
- Adverse Hemodynamic Effects of Interrupting Chest Compressions for Rescue Breathing During Cardiopulmonary Resuscitation for Ventricular Fibrillation Cardiac Arrest, 2465
- Developing a Vasopressor Combination in a Pig Model of Adult Asphyxial Cardiac Arrest, 1651
- Dispatcher-Assisted Cardiopulmonary Resuscitation and Survival in Cardiac Arrest, 2513
- Electrical Induction of Ventricular Fibrillation for Resuscitation From Postcountershock Pulseless and Asystolic Cardiac Arrests, 723
- Hypothermia After Cardiac Arrest: Feasibility and Safety of an External Cooling Protocol, 1799
- Phased Chest and Abdominal Compression-Decompression Versus Conventional Cardiopulmonary Resuscitation in Out-of-Hospital Cardiac Arrest, 768
- Saving Time Saves Lives, 2506
- Successful Ventricular Defibrillation by the Selective Sodium-Hydrogen Exchanger Isoform-1 Inhibitor Cariporide, 234
- Cardiovascular diseases**
- Atherosclerosis, Autoimmunity, and Systemic Lupus Erythematosus, 1876
- Cardiovascular Risk Assessment Based on US Cohort Studies: Findings From a National Heart, Lung, and Blood Institute Workshop, 491
- Cardiovascular Thrombotic Events in Controlled, Clinical Trials of Rofecoxib, 2280
- Coordinated Adaptation of Oxygen Transport in Cardiopulmonary Disease, 963
- Hormone Replacement Therapy and Cardiovascular Disease: A Statement for Healthcare Professionals From the American Heart Association, 499
- Left Mini-Thoracotomy for Beating Heart Bypass Grafting: A Safe Alternative to High-Risk Intervention for Selected Grafting of the Circumflex Artery Distribution, 1-99
- Lumen Loss in Transplant Coronary Artery Disease Is a Biphasic Process Involving Early Intimal Thickening and Late Constrictive Remodeling: Results From a 5-Year Serial Intravascular Ultrasound Study, 653
- Magnetic Resonance Imaging Permits In Vivo Monitoring of Catheter-Based Vascular Gene Delivery, 1588
- Maternal and Paternal History of Myocardial Infarction and Risk of Cardiovascular Disease in Men and Women, 393
- On Causes: Hippocrates, Aristotle, Robert Koch, and the Dread Pirate Roberts, 2509
- p160 Bcr Mediates Platelet-Derived Growth Factor Activation of Extracellular Signal-Regulated Kinase in Vascular Smooth Muscle Cells, 1399
- Plasma Leptin and the Risk of Cardiovascular Disease in the West of Scotland Coronary Prevention Study (WOSCOPS), 3052
- Prognostic Significance of Endothelial Dysfunction in Hypertensive Patients, 191
- Reduction of Cardiovascular Risk by Regression of Electrocardiographic Markers of Left Ventricular Hypertrophy by the Angiotensin-Converting Enzyme Inhibitor Ramipril, 1615
- Risk Factors for Cardiovascular Disease in Systemic Lupus Erythematosus, 1887
- Treatment of Isolated Systolic Hypertension Is Most Effective in Older Patients With High-Risk Profile, 1923
- Cardiovascular News**
- Circulation Impact Factor Is Highest Ever, 1450
- Manipulation of the Renin-Angiotensin System, e14
- Meeting Highlights: Highlights of the XXIII Congress of the European Society of Cardiology, e111
- Report From the 93rd Cardiovascular and Renal Drugs Advisory Committee Meeting, August 9-10, 2001, 1742
- Smoking Cessation Strategies for the 21st Century, e51
- Take Heart With Heart Failure, e89
- Cardioversion**
- Effect of Clinical Risk Stratification on Cost-Effectiveness of the Implantable Cardioverter-Defibrillator: The Canadian Implantable Defibrillator Study, 1622
- Revascularization Versus Implantable Cardioverter-Defibrillators to Prevent Sudden Death in Patients With Severe Left Ventricular Dysfunction, 1457
- Shock Reduction Using Antitachycardia Pacing for Spontaneous Rapid Ventricular Tachycardia in Patients With Coronary Artery Disease, 796
- Survival Benefit of the Implantable Cardioverter-Defibrillator in Patients on the Waiting List for Cardiac Transplantation, 1-171
- Cariporide**
- Successful Ventricular Defibrillation by the Selective Sodium-Hydrogen Exchanger Isoform-1 Inhibitor Cariporide, 234
- Carotid arteries**
- Balloon-Protected Carotid Artery Stenting: Relationship of Periprocedural Neurological Complications With the Size of Particulate Debris, 2791
- C-Reactive Protein Is an Independent Predictor of the Rate of Increase in Early Carotid Atherosclerosis, 63
- Carotid Filters: New Additions to the Interventionist's Toolbox, 2
- Carotid Intimal-Medial Thickness Is Related to Cardiovascular Risk Factors Measured From Childhood Through Middle Age: The Muscatine Study, 2815
- Cerebral Protection With Filter Devices During Carotid Artery Stenting, 12
- Decreased Coagulability Has No Clinically Relevant Effect on Atherogenesis: Observations in Individuals With a Hereditary Bleeding Tendency, 762
- Effect of the Distal-Balloon Protection System on Microembolization During Carotid Stenting, 1999
- In Vivo Accuracy of Multispectral Magnetic Resonance Imaging for Identifying Lipid-Rich Necrotic Cores and Intraplaque Hemorrhage in Advanced Human Carotid Plaques, 2051
- p160 Bcr Mediates Platelet-Derived Growth Factor Activation of Extracellular Signal-Regulated Kinase in Vascular Smooth Muscle Cells, 1399
- Ultrasonic Echolucent Carotid Plaques Predict Future Strokes, 68
- Catheter ablation**
- Accurate Assessment of Patient Effective Radiation Dose and Associated Detriment Risk From Radiofrequency Catheter Ablation Procedures, 58
- Catheter Ablation in Patients With Multiple and Unstable Ventricular Tachycardias After Myocardial Infarction: Short Ablation Lines Guided by Reentry Circuit Isthmuses and Sinus Rhythm Mapping, 664
- Conceptus Radiation Dose and Risk From Cardiac Catheter Ablation Procedures, 893
- Effects of Cavotricuspid Isthmus Ablation on Atrioventricular Node Electrophysiology in Patients With Typical Atrial Flutter, 1501

- Radiofrequency Catheter Ablation in Infants ≤ 18 Months Old: When Is It Done and How Do They Fare? Short-Term Data From the Pediatric Ablation Registry, 2803
- Reversing the Direction of Paced Ventricular and Atrial Wavefronts Reveals an Oblique Course in Accessory AV Pathways and Improves Localization for Catheter Ablation, 550
- Simultaneous Noncontact Mapping of Left Atrium in Patients With Paroxysmal Atrial Fibrillation, 297
- Use of Intracardiac Echocardiography to Guide Ablation of Atrial Fibrillation, 3010
- Catheterization**
- Development and Testing of the Helex Septal Occluder, a New Expanded Polytetrafluoroethylene Atrial Septal Defect Occlusion System, 711
- Importance of TIMI 3 Flow, 624
- Multimodal Fetal Transesophageal Echocardiography for Fetal Cardiac Intervention in Sheep, 1757
- Online Myocardial Viability Assessment in the Catheterization Laboratory via NOGA Electroanatomic Mapping: Quantitative Comparison With Thallium-201 Uptake, 1005
- Real-Time Quantification and Display of Skin Radiation During Coronary Angiography and Intervention, 1779
- Catheters**
- Intracoronary Brachytherapy in the Porcine Model: A Different Animal, 2388
- Static Relationship of Cycle Length to Reentrant Circuit Geometry, 1946
- Troponins, Necrosettes, Enzyme Leaks, Creatinine Phosphokinase Bumps, and Infarctlets: What's Behind This New Lexicon and What Does It Add? 627
- Volume-Outcome Relation for Physicians and Hospitals Performing Angioplasty for Acute Myocardial Infarction in New York State, 2171
- Cell adhesion molecules**
- Antithrombin III Prevents Early Pulmonary Dysfunction After Lung Transplantation in the Dog, 2975
- Circulating Cell Adhesion Molecules and Death in Patients With Coronary Artery Disease, 1336
- Double-Blind, Randomized Trial of an Anti-CD18 Antibody in Conjunction With Recombinant Tissue Plasminogen Activator for Acute Myocardial Infarction: Limitation of Myocardial Infarction Following Thrombolysis in Acute Myocardial Infarction (LIMIT AMI) Study, 2778
- Inhibition of Mannose-Binding Lectin Reduces Postischemic Myocardial Reperfusion Injury, 1413
- Perivascular Inflammation After Balloon Angioplasty of Porcine Coronary Arteries, 2228
- Ultrasound Assessment of Inflammation and Renal Tissue Injury With Microbubbles Targeted to P-Selectin, 2107
- Cells**
- 12/15-Lipoxygenase Gene Disruption Attenuates Atherogenesis in LDL Receptor-Deficient Mice, 1646
- Aldosterone Induces Angiotensin-Converting-Enzyme Gene Expression in Cultured Neonatal Rat Cardiocytes, 137
- Angiogenesis Therapy: Amidst the Hype, the Neglected Potential for Serious Side Effects, 115
- Biomechanical Strain Induces Class A Scavenger Receptor Expression in Human Monocyte/Macrophages and THP-1 Cells: A Potential Mechanism of Increased Atherosclerosis in Hypertension, 109
- Cell Transplantation for the Treatment of Acute Myocardial Infarction Using Vascular Endothelial Growth Factor-Expressing Skeletal Myoblasts, I-207
- Effect of Short Pulsed Nonablative Infrared Laser Irradiation on Vascular Cells In Vitro and Neointimal Hyperplasia in a Rabbit Balloon Injury Model, 1850
- Enhanced Myocardial Angiogenesis by Gene Transfer With Transplanted Cells, I-218
- Estrogen Receptor-Mediated, Nitric Oxide-Dependent Modulation of the Immunologic Barrier Function of the Endothelium: Regulation of Fas Ligand Expression by Estradiol, 2576
- Intracoronary Infusion of Skeletal Myoblasts Improves Cardiac Function in Doxorubicin-Induced Heart Failure, I-213
- p160 Bcr Mediates Platelet-Derived Growth Factor Activation of Extracellular Signal-Regulated Kinase in Vascular Smooth Muscle Cells, 1399
- Toll-Like Receptor-4 Is Expressed by Macrophages in Murine and Human Lipid-Rich Atherosclerotic Plaques and Upregulated by Oxidized LDL, 3103
- Ubiquitous Elevation of Matrix Metalloproteinase-2 Expression in the Vasculature of Patients With Abdominal Aneurysms, 304
- Cerebral ischemia**
- Hypothermia After Cardiac Arrest: Feasibility and Safety of an External Cooling Protocol, 1799
- Neuroprotective Effect of Mild Hypothermia in Patients Undergoing Coronary Artery Surgery With Cardiopulmonary Bypass: A Randomized Trial, I-85
- Cerebrovascular circulation**
- Cerebral Autoregulatory Responses to Head-Up Tilt in Normal Subjects and Patients With Recurrent Vasovagal Syncope, 898
- Cerebral Vasoconstriction in Vasovagal Syncope: Any Link With Symptoms? A Transcranial Doppler Study, 2694
- Quantification of Cerebral Perfusion With "Real-Time" Contrast-Enhanced Ultrasound, 2582
- Regional Cerebral Hyperperfusion and Nitric Oxide Pathway Dysregulation in Fabry Disease: Reversal by Enzyme Replacement Therapy, 1506
- Cerebrovascular disorders**
- Blood Lipids and First-Ever Ischemic Stroke/Transient Ischemic Attack in the Bezafibrate Infarction Prevention (BIP) Registry: High Triglycerides Constitute an Independent Risk Factor, 2892
- Regional Cerebral Hyperperfusion and Nitric Oxide Pathway Dysregulation in Fabry Disease: Reversal by Enzyme Replacement Therapy, 1506
- Chagas' disease**
- Dysregulation of Peripheral and Central Chemoreflex Responses in Chagas' Heart Disease Patients Without Heart Failure, 1792
- Chemokine**
- Expression of the Chemokine Receptor CXCR3 and Its Ligand IP-10 During Human Cardiac Allograft Rejection, 2558
- Chemoreflex**
- Dysregulation of Peripheral and Central Chemoreflex Responses in Chagas' Heart Disease Patients Without Heart Failure, 1792
- Chemosensitivity**
- Muscle Ergoreceptor Overactivity Reflects Deterioration in Clinical Status and Cardiorespiratory Reflex Control in Chronic Heart Failure, 2324
- Cholesterol**
- Amelioration of Angiotensin II-Induced Cardiac Injury by a 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitor, 576
- Effect of an Aggressive Lipid-Lowering Strategy on Progression of Atherosclerosis in the Left Main Coronary Artery From Patients in the Post Coronary Artery Bypass Graft Trial, 2660
- Effect of Hydroxymethylglutaryl Coenzyme A Reductase Inhibitors on the Progression of Calcific Aortic Stenosis, 2205
- High-Density Lipoprotein and the Dynamics of Atherosclerotic Lesions, 2386
- Low-Density-Lipoprotein Cholesterol Goals for Patients With Coronary Disease: Treating Between the Lines, 2635
- Chymase**
- Significance of Chymase-Dependent Angiotensin II-Forming Pathway in the Development of Vascular Proliferation, 1274
- Circadian rhythm**
- Angiotensin II Induces Circadian Gene Expression of Clock Genes in Cultured Vascular Smooth Muscle Cells, 1746
- Circulation**
- Abnormal Longitudinal, Base-to-Apex Myocardial Perfusion Gradient by Quantitative Blood Flow Measurements in Patients With Coronary Risk Factors, 527
- Aprotinin, Blood Loss, and Renal Dysfunction in Deep Hypothermic Circulatory Arrest, I-276
- Biomechanical Hearts: Muscular Blood Pumps, Performed in a 1-Step Operation, and Trained Under Support of Clenbuterol, 717
- Differential Characteristics of Neural Circulatory Control: Early Versus Late After Cardiac Transplantation, 1809
- Clenbuterol**
- Biomechanical Hearts: Muscular Blood Pumps, Performed in a 1-Step Operation, and Trained Under Support of Clenbuterol, 717
- Clonidine**
- Central Hypotensive Action of Clonidine Requires Nitric Oxide, 1884

Coagulation

- Antithrombin III Prevents Early Pulmonary Dysfunction After Lung Transplantation in the Dog, 2975
- Decreased Coagulability Has No Clinically Relevant Effect on Atherogenesis: Observations in Individuals With a Hereditary Bleeding Tendency, 762
- Genetic Variation in Coagulation and Fibrinolytic Proteins and Their Relation With Acute Myocardial Infarction: A Systematic Review, 3063
- Oral Anticoagulation Thresholds, 2311
- PI^{AC} Polymorphism of β_3 Integrins Is Associated With Enhanced Thrombin Generation and Impaired Antithrombotic Action of Aspirin at the Site of Microvascular Injury, 2666
- Time Is Myocardium and Time Is Outcomes, 2632

Coarctation

- Posterior Pericardial Ascending-to-Descending Aortic Bypass: An Alternative Surgical Approach for Complex Coarctation of the Aorta, 1-133
- Vascular Dysfunction After Repair of Coarctation of the Aorta: Impact of Early Surgery, 1-165

Collagen

- Activated Interstitial Myofibroblasts Express Catabolic Enzymes and Mediate Matrix Remodeling in Myxomatous Heart Valves, 2525
- Activation Delay After Premature Stimulation in Chronically Diseased Human Myocardium Relates to the Architecture of Interstitial Fibrosis, 3069
- Adenovirus-Mediated Gene Transfer of a Secreted Transforming Growth Factor- β Type II Receptor Inhibits Luminal Loss and Constrictive Remodeling After Coronary Angioplasty and Enhances Adventitial Collagen Deposition, 2595
- Angiotensin II Type 2 Receptor Is Essential for Left Ventricular Hypertrophy and Cardiac Fibrosis in Chronic Angiotensin II-Induced Hypertension, 346
- Downregulation of Matrix Metalloproteinases and Reduction in Collagen Damage in the Failing Human Heart After Support With Left Ventricular Assist Devices, 1147
- Eplerenone Suppresses Constrictive Remodeling and Collagen Accumulation After Angioplasty in Porcine Coronary Arteries, 467
- Expression of Neutrophil Collagenase (Matrix Metalloproteinase-8) in Human Atheroma: A Novel Collagenolytic Pathway Suggested by Transcriptional Profiling, 1899
- Inhibition of Collagen Synthesis With Prolyl 4-Hydroxylase Inhibitor Improves Left Ventricular Function and Alters the Pattern of Left Ventricular Dilatation After Myocardial Infarction, 2216
- Left Ventricular Remodeling in Transgenic Mice With Cardiac Restricted Overexpression of Tumor Necrosis Factor, 826
- Matrix Metalloproteinase Hypothesis of Plaque Rupture: Players Keep Piling Up But Questions Remain, 1878
- Plasminogen Activator Inhibitor-1 Deficiency Prevents Hypertension and Vascular Fibrosis in Response to Long-term Nitric Oxide Synthase Inhibition, 839
- Usefulness of Serum Carboxy-Terminal Propeptide of Procollagen Type I in Assessment of the Cardioreparative Ability of Antihypertensive Treatment in Hypertensive Patients, 286

Collateral circulation

- Collateral Function in Chronic Total Coronary Occlusions Is Related to Regional Myocardial Function and Duration of Occlusion, 2784
- Endothelium-Mediated Relaxation of Porcine Collateral-Dependent Arterioles Is Improved by Exercise Training, 1393
- Noninvasive Prediction of Ultimate Infarct Size at the Time of Acute Coronary Occlusion Based on the Extent and Magnitude of Collateral-Derived Myocardial Blood Flow, 2471
- Promotion of Collateral Growth by Granulocyte-Macrophage Colony-Stimulating Factor in Patients With Coronary Artery Disease: A Randomized, Double-Blind, Placebo-Controlled Study, 2012
- Therapeutic Arteriogenesis Has Arrived, 1994

Compliance

- Improved Arterial Compliance by a Novel Advanced Glycation End-Product Crosslink Breaker, 1464

Complications

- Aprotinin, Blood Loss, and Renal Dysfunction in Deep Hypothermic Circulatory Arrest, 1-276

- Differential Impact on Survival of Electrocardiographic Q-Wave Versus Enzymatic Myocardial Infarction After Percutaneous Intervention: A Device-Specific Analysis of 7147 Patients, 642
- Platelet Reactivity Characterized Prospectively: A Determinant of Outcome 90 Days After Percutaneous Coronary Intervention, 181

Conduction

- Activation Delay After Premature Stimulation in Chronically Diseased Human Myocardium Relates to the Architecture of Interstitial Fibrosis, 3069
- Bialtrial Activation in Isthmus-Dependent Atrial Flutter, 2545
- Different Patterns of Interatrial Conduction in Clockwise and Counterclockwise Atrial Flutter, 1153
- Effects of Cavotricuspid Isthmus Ablation on Atrioventricular Node Electrophysiology in Patients With Typical Atrial Flutter, 1501
- Heterogeneous Expression of Gap Junction Channels in the Heart Leads to Conduction Defects and Ventricular Dysfunction, 1194
- Transmyocardial Laser Revascularization Remodels the Intrinsic Cardiac Nervous System in a Chronic Setting, 1-115
- Vascular Endothelial Growth Factor-B-Deficient Mice Display an Atrial Conduction Defect, 358

Conjugates

- Conjugation of Low-Molecular-Weight Heparin and Deoxycholic Acid for the Development of a New Oral Anticoagulant Agent, 3116

Contractility

- Effects of Calcium, Inorganic Phosphate, and pH on Isometric Force in Single Skinned Cardiomyocytes From Donor and Failing Human Hearts, 1140
- Effects of Nitric Oxide Synthase Inhibition on Basal Function and the Force-Frequency Relationship in the Normal and Failing Human Heart In Vivo, 2318
- Heart Rate-Independent Vagal Effect on End-Systolic Elastance of the Canine Left Ventricle Under Various Levels of Sympathetic Tone, 2277
- Heterogeneous Expression of Gap Junction Channels in the Heart Leads to Conduction Defects and Ventricular Dysfunction, 1194
- Impaired Myofibrillar Energetics and Oxidative Injury During Human Atrial Fibrillation, 174
- Improvement in Survival and Cardiac Metabolism After Gene Transfer of Sarcoplasmic Reticulum Ca²⁺-ATPase in a Rat Model of Heart Failure, 1424
- Length Dependence of Tension Generation in Rat Skinned Cardiac Muscle: Role of Titin in the Frank-Starling Mechanism of the Heart, 1639
- Myocardial Contractile Function and Heart Rate in Mice With Myocyte-Specific Overexpression of Endothelial Nitric Oxide Synthase, 3097
- Transmural Distribution of Three-Dimensional Systolic Strains in Stunned Myocardium, 336
- Transmyocardial Laser Revascularization Remodels the Intrinsic Cardiac Nervous System in a Chronic Setting, 1-115

Contrast media

- Destruction of Contrast Microbubbles by Ultrasound: Effects on Myocardial Function, Coronary Perfusion Pressure, and Microvascular Integrity, 461
- Imaging Time After Gd-DTPA Injection Is Critical in Using Delayed Enhancement to Determine Infarct Size Accurately With Magnetic Resonance Imaging, 2838
- Noninvasive Prediction of Ultimate Infarct Size at the Time of Acute Coronary Occlusion Based on the Extent and Magnitude of Collateral-Derived Myocardial Blood Flow, 2471
- Novel MRI Contrast Agent for Molecular Imaging of Fibrin: Implications for Detecting Vulnerable Plaques, 1280
- Quantification of Cerebral Perfusion With "Real-Time" Contrast-Enhanced Ultrasound, 2582
- Relation Between Gd-DTPA Contrast Enhancement and Regional Inotropic Response in the Periphery and Center of Myocardial Infarction, 998
- Transmural Extent of Acute Myocardial Infarction Predicts Long-Term Improvement in Contractile Function, 1101
- Ultrasound Assessment of Inflammation and Renal Tissue Injury With Microbubbles Targeted to P-Selectin, 2107

Coronary disease

- Abnormal Epicardial Coronary Resistance in Patients With Diffuse Atherosclerosis but "Normal" Coronary Angiography, 2401

- Accelerated Atherosclerosis, Aortic Aneurysm Formation, and Ischemic Heart Disease in Apolipoprotein E/Endothelial Nitric Oxide Synthase Double-Knockout Mice, 448
- An Iron-Binding Exochelin Prevents Restenosis Due to Coronary Artery Balloon Injury in a Porcine Model, 2222
- Autologous Endothelialized Vein Allograft: A Solution in the Search for Small-Caliber Grafts in Coronary Artery Bypass Graft Operations, 1-108
- Cardiovascular Risk Assessment Based on US Cohort Studies: Findings From a National Heart, Lung, and Blood Institute Workshop, 491
- Circulating Matrix Metalloproteinases and Their Inhibitors in Patients With Kawasaki Disease, 860
- Circulating Monocyte-Platelet Aggregates Are a More Sensitive Marker of In Vivo Platelet Activation Than Platelet Surface P-Selectin: Studies in Baboons, Human Coronary Intervention, and Human Acute Myocardial Infarction, 1533
- Clinical and Angiographic Effects of Chronic Calcium Channel Blocker Therapy Continued Beyond First Postoperative Year in Patients With Radial Artery Grafts: Results of a Prospective Randomized Investigation, 1-64
- Clinical and Economic Impact of Diabetes Mellitus on Percutaneous and Surgical Treatment of Multivessel Coronary Disease Patients: Insights From the Arterial Revascularization Therapy Study (ARTS) Trial, 533
- Comparison of Nitric Oxide Release and Endothelium-Derived Hyperpolarizing Factor-Mediated Hyperpolarization Between Human Radial and Internal Mammary Arteries, 1-344
- Coronary Artery Calcification in Older Adults to Age 99: Prevalence and Risk Factors, 2679
- Coronary Heart Disease Prediction From Lipoprotein Cholesterol Levels, Triglycerides, Lipoprotein(a), Apolipoproteins A-I and B, and HDL Density Subfractions: The Atherosclerosis Risk in Communities (ARIC) Study, 1108
- Does Coronary Artery Bypass Grafting Alone Correct Moderate Ischemic Mitral Regurgitation? 168
- Early Outcome After Off-Pump Versus On-Pump Coronary Bypass Surgery: Results From a Randomized Study, 1761
- Edge-to-Edge Mitral Repair: Tension on the Approximating Suture and Leaflet Deformation During Acute Ischemic Mitral Regurgitation in the Ovine Heart, 1-29
- Effect of an Aggressive Lipid-Lowering Strategy on Progression of Atherosclerosis in the Left Main Coronary Artery From Patients in the Post Coronary Artery Bypass Graft Trial, 2660
- Effects of Ramipril on Coronary Events in High-Risk Persons: Results of the Heart Outcomes Prevention Evaluation Study, 522
- Endothelial Dysfunction, Oxidative Stress, and Risk of Cardiovascular Events in Patients With Coronary Artery Disease, 2673
- Estrogen Receptor-Mediated, Nitric Oxide-Dependent Modulation of the Immunologic Barrier Function of the Endothelium: Regulation of Fas Ligand Expression by Estradiol, 2576
- Exercise Standards for Testing and Training: A Statement for Healthcare Professionals From the American Heart Association, 1694
- Fractional Flow Reserve in Patients With Prior Myocardial Infarction, 157
- Imaging Time After Gd-DTPA Injection Is Critical in Using Delayed Enhancement to Determine Infarct Size Accurately With Magnetic Resonance Imaging, 2838
- Impact of Viral and Bacterial Infectious Burden on Long-Term Prognosis in Patients With Coronary Artery Disease, 25
- Improving Coronary Heart Disease Risk Assessment in Asymptomatic People: Role of Traditional Risk Factors and Noninvasive Cardiovascular Tests, 1863
- Incidence, Predictors, and Significance of Abnormal Cardiac Enzyme Rise in Patients Treated With Bypass Surgery in the Arterial Revascularization Therapies Study (ARTS), 2689
- Left Ventricular Muscle Mass and Elevated Heart Rate Are Associated With Coronary Plaque Disruption, 1477
- Long-Term Clinical Outcomes After Unprotected Left Main Trunk Percutaneous Revascularization in 279 Patients, 1609
- Long-Term Prognostic Value of Coronary Calcification Detected by Electron-Beam Computed Tomography in Patients Undergoing Coronary Angiography, 412
- Low-Density-Lipoprotein Cholesterol Goals for Patients With Coronary Disease: Treating Between the Lines, 2635
- Low Hepatic Lipase Activity Is a Novel Risk Factor for Coronary Artery Disease, 3057
- Memories of Patients With a Giant Left Atrium, 2630
- Microvascular Dysfunction in Chronic Total Coronary Occlusions, 1129
- Novel Drug-Delivery Stent: Intravascular Ultrasound Observations From the First Human Experience With the QP2-Eluting Polymer Stent System, 380
- Off-Pump Coronary Bypass Surgery: In Search of an Identity, 1743
- Online Myocardial Viability Assessment in the Catheterization Laboratory via NOGA Electroanatomic Mapping: Quantitative Comparison With Thallium-201 Uptake, 1005
- Oxidant Stress as a Marker for Cardiovascular Events: Ox Marks the Spot, 2638
- Pharmacodynamics and Pharmacokinetics of Eptifibatide in Patients With Acute Coronary Syndromes: Prospective Analysis From PURSUIT, 399
- Prevention and Treatment of Coronary Heart Disease: Who Benefits? 1688
- Promotion of Collateral Growth by Granulocyte-Macrophage Colony-Stimulating Factor in Patients With Coronary Artery Disease: A Randomized, Double-Blind, Placebo-Controlled Study, 2012
- Quantification of Coronary Artery Lumen Volume by Digital Angiography: In Vivo Validation, 2351
- Randomized Comparison of Coronary Stent Implantation Under Ultrasound or Angiographic Guidance to Reduce Stent Restenosis (OPTICUS Study), 1343
- Reliability of Tissue Doppler Wall Motion Monitoring After Heart Transplantation for Replacement of Invasive Routine Screenings by Optimally Timed Cardiac Biopsies and Catheterizations, 1-184
- Serum Levels of the Antiinflammatory Cytokine Interleukin-10 Are Decreased in Patients With Unstable Angina, 746
- Short- and Long-Term Black Tea Consumption Reverses Endothelial Dysfunction in Patients With Coronary Artery Disease, 151
- Simple Bedside Additive Tool for Prediction of In-Hospital Mortality After Percutaneous Coronary Interventions, 263
- Single Nucleotide Polymorphisms in Multiple Novel Thrombospondin Genes May Be Associated With Familial Premature Myocardial Infarction, 2641
- Stroke in Relation to Cardiac Procedures in Patients With Non-ST-Elevation Acute Coronary Syndrome: A Study Involving >18 000 Patients, 269
- Sustained Angina Relief 5 Years After Transmyocardial Laser Revascularization With a CO₂ Laser, 1-81
- Therapeutic Arteriogenesis Has Arrived, 1994
- Transplant Coronary Artery Disease: A Novel Model Independent of Cellular Alloimmune Response, 2615
- Unstable Coronary Plaque and Its Relation to Coronary Calcium, 1682
- Use of Intravascular Ultrasound to Compare Effects of Different Strategies of Lipid-Lowering Therapy on Plaque Volume and Composition in Patients With Coronary Artery Disease, 387
- Waiting for Cardiac Surgery: Results of a Risk-Stratified Queuing Process, 1-92
- Will Diabetes Save the Platelet Blockers? 2759

Correspondence

- 2000 Guidelines for Cardiopulmonary Resuscitation Emergency Cardiovascular Care: Letter to the editor, e45
- AHA Science Advisory on Wine and Health: A Confusing Message About Alcohol Consumption: Letter to the editor, e72
- American Heart Association Advisory, "Wine and Your Heart," Is Not Science-Based: Letter to the editor, e73. Response to letter, e73
- Amiodarone in the New ACLS Guidelines: Letter to the editor, e44
- Angiotensin II Type 1 Receptor Blockers and Congestive Heart Failure: Letter to the editor, e82. Response to letter, e82
- Anti-Ischemic Therapy and Myocardial Ischemia Shown by Single Photon Emission Computed Tomography Imaging: Letter to the editor, e151. Response to letter, e151
- Antiarrhythmic Classifications in the 2000 Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care: Letter to the editor, e22
- Atherosclerosis: Is it Time for a New Name? Letter to the editor, e38
- Bedside Multimarker Testing for Risk Stratification in Chest Pain Units: The Chest Pain Evaluation by Creatine Kinase-MB, Myoglobin, and Troponin I (CHECKMATE) Study: Letter to the editor, e125. Response to letter, e125

- Blood Donation Without Adequate Iron Depletion: An Invalid Test of the Iron Hypothesis: Letter to the editor, e149. Response to letter, e149
- Cautionary Note on the Use of Pulse Pressure as a Risk Factor for Coronary Heart Disease: Letter to the editor, e128. Response to letter, e128
- Clopidogrel Versus Aspirin After Cardiac Surgery: Letter to the editor, e76. Response to letter, e76
- Collateral Flow Index to Assess Myocardial Viability: Chugh's Hypothesis Revisited: Letter to the editor, e74. Response to letter, e74
- Comments on the Laryngeal Mask Insertion Technique Presented in the New Advanced Cardiac Life Support Protocol: Letter to the editor, e156. Response to letter, e156
- Confusing Press Releases and the PREVENT Study: Letter to the editor, e95. Response to letter, e95
- Cytomegalovirus Seropositivity and C-Reactive Protein Have Independent and Combined Predictive Value for Mortality in Patients With Angiographically Demonstrated Coronary Artery Disease: Letter to the editor, e19. Response to letter, e20
- Death Rates Versus Deaths: Letter to the editor, e8. Response to letter, e8
- Defining the Optimal Activated Clotting Times During Percutaneous Coronary Intervention: Aggregate Results From 6 Randomized, Controlled Trials: Letter to the editor, e124. Response to letter, e124
- Deterioration of Left Ventricular Chamber Performance After Bed Rest: Letter to the editor, e158
- Different Prognostic Impact of 24-Hour Mean Blood Pressure and Pulse Pressure on Stroke and Coronary Artery Disease in Essential Hypertension: Letter to the editor, e160. Response to letter, e160
- Do Statins Reduce the Risk for Diabetes by Improving Exercise Capacity? Letter to the editor, e104. Response to letter, e104
- Does Amlodipine Increase Cancer Incidence? Letter to the editor, e5. Response to letter, e5
- Does Tamoxifen Enhance Endothelial Function by Lowering the Plasma Levels of Homocysteine? Letter to the editor, e146
- Effect of Cholesterol-Lowering Therapy on Endothelial Function: Letter to the editor, e6
- Effect of Estrogen Replacement Therapy on Sympathetic Activity in Postmenopausal Women: Letter to the editor, e161. Response to letter, e161
- Effects of Tamoxifen on Endothelial Function and Cardiovascular Risk Factors in Men With Advanced Atherosclerosis: Letter to the editor, e146. Response to letter, e146
- Endothelin Receptor Blockade in Congestive Heart Failure: Letter to the editor, e96
- Extensive Troponin I and T Modification Detected in Serum From Patients With Acute Myocardial Infarction: Letter to the editor, e26. Response to letter, e26
- High-Sensitivity C-Reactive Protein: Potential Adjunct for Global Risk Assessment in the Primary Prevention of Cardiovascular Disease: Letter to the editor, e127
- Hypothyroidism and Primary Pulmonary Hypertension: Letter to the editor, e103
- Immediate and Late Clinical Outcomes of Carotid Artery Stenting in Patients With Symptomatic and Asymptomatic Carotid Artery Stenosis: A 5-Year Prospective Analysis: Letter to the editor, e121. Response to letter, e121
- Implantable Cardioverter Defibrillator: A Volkswagon or a Rolls Royce: How Much Will You Pay to Save a Life? Letter to the editor, e148. Response to letter, e148
- Increase in Anti-Inflammatory Cytokine Levels in Chronic Heart Failure: A Measure of Treatment Success or Failure? Letter to the editor, e97. Response to letter, e97
- Increased Mortality With Long-Term Platelet Glycoprotein IIb/IIIa Antagonists: An Explanation? Letter to the editor, e109. Response to letter, e109
- Increased Risk of Restenosis After Placement of Gold-Coated Stents: Letter to the editor, e23
- Interpretation of Trials on Provisional Stent Implantation: Letter to the editor, e43
- Is Cardiopulmonary Bypass Really the Cause of Postoperative Atrial Fibrillation? Letter to the editor, e36. Response to letter, e36
- L-Arginine and Thrombosis: Letter to the editor, e159
- Lack of Association of Increased C-Reactive Protein and Total Plasma Homocysteine: Letter to the editor, e164. Response to letter, e164
- Management of Paradoxical Coronary Embolism: Letter to the editor, e153. Response to letter, e153
- Mechanism of Arterial Infection by *Chlamydia pneumoniae*: Letter to the editor, e75
- Metoprolol-Induced Changes in Myocardial ¹²³I-Metaiodobenzylguanidine Uptake in Parkinson's Disease: Letter to the editor, e37
- MRI Versus 3D Echocardiography in Postinterventional Patients With Hypertrophic Obstructive Cardiomyopathy: Letter to the editor, e32. Response to letter, e32
- Myocardial Dysfunction in Hypertrophic Cardiomyopathy: Letter to the editor, e165. Response to letter, e165
- Niacin After Coronary Bypass Grafting and for Coronary Disease Prevention: Letter to the editor, e6. Response to letter, e7
- Nitric Oxide in Vascular Endothelial Growth Factor Synthesis and Signaling: Letter to the editor, e48. Response to letter, e48
- Ongoing Controversies Surrounding the Vascular Benefits of Blood Donation: Letter to the editor, e99. Response to letter, e99
- Optimal Activated Clotting Time During Percutaneous Coronary Intervention: Letter to the editor, e83. Response to letter, e83
- Oral Anticoagulation Therapy During and After Coronary Angioplasty: Letter to the editor, e150. Response to letter, e150
- Pericardioversion Dofetilide Does Not Suppress Immediate and Subacute Recurrences of Persistent Atrial Fibrillation: Letter to the editor, e57. Response to letter, e57
- Peripheral and Myocardial Microcirculation: Letter to the editor, e100. Response to letter, e100
- Photoangioplasty Recount: Clear Punch or Dimpled Chad? Letter to the editor, e55. Response to letter, e55
- Pizza and Vegetables Don't Stick to the Endothelium: Letter to the editor, e34. Response to letter, e34
- Platelet Inhibition After Glycoprotein IIb/IIIa Inhibitor Therapy: Letter to the editor, e163
- Possible Mechanism of Augmented Exercise Hyperpnea in Congestive Heart Failure: Letter to the editor, e131. Response to letter, e131
- Presence of Heat Shock Protein 72 in Cardiomyocytes After Heat Stress: Letter to the editor, e123. Response to letter, e123
- Prevention of Coronary Artery Disease Should Start in the Young: Letter to the editor, e107
- Primary Prevention of Ischemic Stroke: Letter to the editor, e59
- Recommendations for Preparticipation Screening and the Assessment of Cardiovascular Disease in Masters Athletes: Letter to the editor, e58. Response to letter, e58
- RENAISSANCE, RECOVER, and RENEWAL: The 3 Rs: Letter to the editor, e108
- Risk Reduction and the Program on the Surgical Control of the Hyperlipidemias: Letter to the editor, e47. Response to letter, e47
- Role for Complement as an Intermediate Between C-Reactive Protein and Intercellular Adhesion Molecule-1 Expression? Letter to the editor, e46
- Sex Differences in the Prognosis of Congestive Heart Failure: Letter to the editor, e81. Response to letter, e81
- Sildenafil Does Not Influence Autonomic Neurocardiac Control Assessed by Standard Measurements of Heart Rate Variability: Letter to the editor, e145. Response to letter, e145
- Sympathetic Activation by Sildenafil: Letter to the editor, e119. Response to letter, e119
- T-Wave Shape in Clinical Research: Letter to the editor, e80. Response to letter, e80
- Three-Dimensional Reconstruction of Color Doppler-Imaged Flow Convergence Region: Limitations: Letter to the editor, e106
- Time Relationships Between Plaque Rupture and Infarction: Letter to the editor, e9
- Troponin I Degradation and Myocardial Stunning: Letter to the editor, e157
- Ultrasound Characteristics of Adherent Thrombi in the Common Carotid Artery: Letter to the editor, e24. Response to letter, e24
- Wine and Your Heart: Letter to the editor, e130. Response to letter, e130
- Cost-benefit analysis**
- Cost-Effectiveness of Coronary Stenting in Acute Myocardial Infarction: Results From the Stent Primary Angioplasty in Myocardial Infarction (Stent-PAMI) Trial, 3039

- Effect of Clinical Risk Stratification on Cost-Effectiveness of the Implantable Cardioverter-Defibrillator: The Canadian Implantable Defibrillator Study, 1622
- Cost-effectiveness**
- Primary Prevention of Sudden Death With Implantable Defibrillator Therapy in Patients With Cardiac Disease: Can We Afford to Do It? (Can We Afford Not To?), 1564
- Coxsackievirus**
- Human Coxsackie-Adenovirus Receptor Is Colocalized With Integrins $\alpha_3\beta_1$ and $\alpha_5\beta_1$ on the Cardiomyocyte Sarcolemma and Upregulated in Dilated Cardiomyopathy: Implications for Cardiotropic Viral Infections, 275
- Creatine kinase**
- Chronic Phosphocreatine Depletion by the Creatine Analogue β -Guanidinopropionate Is Associated With Increased Mortality and Loss of ATP in Rats After Myocardial Infarction, 1844
- Impaired Myofibrillar Energetics and Oxidative Injury During Human Atrial Fibrillation, 174
- Incidence, Predictors, and Significance of Abnormal Cardiac Enzyme Rise in Patients Treated With Bypass Surgery in the Arterial Revascularization Therapies Study (ARTS), 2689
- Ninety-Minute Exclusion of Acute Myocardial Infarction By Use of Quantitative Point-of-Care Testing of Myoglobin and Troponin I, 1483
- Cyclooxygenase**
- Cyclooxygenase-1 and -2 Knockout Mice Demonstrate Increased Cardiac Ischemia/Reperfusion Injury but Are Protected by Acute Preconditioning, 2453
- Effects of Selective Cyclooxygenase-2 Inhibition on Vascular Responses and Thrombosis in Canine Coronary Arteries, 820
- D**
- Death, sudden**
- Cardiac Sodium Channel Gene Mutations and Sudden Infant Death Syndrome: Confirmation of Proof of Concept? 1092
- Circulating Nonesterified Fatty Acid Level as a Predictive Risk Factor for Sudden Death in the Population, 756
- De Novo Mutation in the *SCN5A* Gene Associated With Early Onset of Sudden Infant Death, 1158
- Dispatcher-Assisted Cardiopulmonary Resuscitation and Survival in Cardiac Arrest, 2513
- Hypothermia After Cardiac Arrest: Feasibility and Safety of an External Cooling Protocol, 1799
- Learning From Mistakes: The Case of Clinical Electrophysiology: A Perspective on Evidence-Based Rhythmology, 845
- Optical Mapping of Ventricular Defibrillation in Isolated Swine Right Ventricles: Demonstration of a Postshock Isoelectric Window After Near-Threshold Defibrillation Shocks, 227
- Phased Chest and Abdominal Compression-Decompression Versus Conventional Cardiopulmonary Resuscitation in Out-of-Hospital Cardiac Arrest, 768
- Plasma Nonesterified Fatty Acid Concentration as a Risk Factor for Sudden Cardiac Death: The Paris Prospective Study, 744
- Prior Coronary Artery Bypass Surgery and Risk of Death Among Patients With Ischemic Left Ventricular Dysfunction, 1489
- Revascularization Versus Implantable Cardioverter-Defibrillators to Prevent Sudden Death in Patients With Severe Left Ventricular Dysfunction, 1457
- Sudden Cardiac Death in the United States, 1989 to 1998, 2158
- Survival Benefit of the Implantable Cardioverter-Defibrillator in Patients on the Waiting List for Cardiac Transplantation, 1-171
- Defibrillation**
- Atrial Therapies Reduce Atrial Arrhythmia Burden in Defibrillator Patients, 1023
- Effect of Clinical Risk Stratification on Cost-Effectiveness of the Implantable Cardioverter-Defibrillator: The Canadian Implantable Defibrillator Study, 1622
- Gap Junction Blockers Decrease Defibrillation Thresholds Without Changes in Ventricular Refractoriness in Isolated Rabbit Hearts, 1544
- Learning From Mistakes: The Case of Clinical Electrophysiology: A Perspective on Evidence-Based Rhythmology, 845
- Mechanism of Ventricular Defibrillation for Near-Defibrillation Threshold Shocks: A Whole-Heart Optical Mapping Study in Swine, 1313
- Revascularization Versus Implantable Cardioverter-Defibrillators to Prevent Sudden Death in Patients With Severe Left Ventricular Dysfunction, 1457
- Right Atrial Septal Electrode for Reducing the Atrial Defibrillation Threshold, 1066
- Shock Reduction Using Antitachycardia Pacing for Spontaneous Rapid Ventricular Tachycardia in Patients With Coronary Artery Disease, 796
- Transvenous Biventricular Defibrillation Halves Energy Requirements in Patients, 2533
- Deoxycholic acid**
- Conjugation of Low-Molecular-Weight Heparin and Deoxycholic Acid for the Development of a New Oral Anticoagulant Agent, 3116
- Depression**
- Depression, Heart Rate Variability, and Acute Myocardial Infarction, 2024
- Reducing Emotional Distress Improves Prognosis in Coronary Heart Disease: 9-Year Mortality in a Clinical Trial of Rehabilitation, 2018
- Selective Serotonin Reuptake Inhibitors and Myocardial Infarction, 1894
- Diabetes mellitus**
- Benefit of Bilateral Over Single Internal Mammary Artery Grafts for Multiple Coronary Artery Bypass Grafting, 2164
- Cerivastatin, a Hydroxymethylglutaryl Coenzyme A Reductase Inhibitor, Improves Endothelial Function in Elderly Diabetic Patients Within 3 Days, 376
- Clinical and Economic Impact of Diabetes Mellitus on Percutaneous and Surgical Treatment of Multivessel Coronary Disease Patients: Insights From the Arterial Revascularization Therapy Study (ARTS) Trial, 533
- Gelatin Sheet Incorporating Basic Fibroblast Growth Factor Enhances Healing of Devascularized Sternum in Diabetic Rats, 1-325
- Improvement in Hypertension in Patients With Diabetes Mellitus After Kidney/Pancreas Transplantation, 563
- In Vivo Myocardial Protection From Ischemia/Reperfusion Injury by the Peroxisome Proliferator-Activated Receptor- γ Agonist Rosiglitazone, 2588
- Neointimal Hyperplasia After Arterial Injury Is Increased in a Rat Model of Non-Insulin-Dependent Diabetes Mellitus, 815
- Platelet Glycoprotein IIb/IIIa Inhibitors Reduce Mortality in Diabetic Patients With Non-ST-Segment-Elevation Acute Coronary Syndromes, 2767
- Who's on First? Does Hypertension in Type I Diabetics Result From Nephropathy or Metabolic Alterations? 508
- Will Diabetes Save the Platelet Blockers? 2759
- Diagnosis**
- Cardiac Biomarkers for Rapid Evaluation of Chest Pain, 1454
- Macrophage Accumulation Associated With Rat Cardiac Allograft Rejection Detected by Magnetic Resonance Imaging With Ultrasmall Superparamagnetic Iron Oxide Particles, 934
- Mechanism of Syncope in Patients With Isolated Syncope and in Patients With Tilt-Positive Syncope, 1261
- Randomized Assessment of Syncope Trial: Conventional Diagnostic Testing Versus a Prolonged Monitoring Strategy, 46
- Syncope Evaluation at a Crossroad: For Which Patients? 7
- Diastole**
- Exercise Training Attenuates Age-Associated Diastolic Dysfunction in Rats, 221
- Heart Failure With a Normal Ejection Fraction: Is Measurement of Diastolic Function Necessary to Make the Diagnosis of Diastolic Heart Failure? 779
- Normalized Diastolic Properties After Left Ventricular Assist Result From Reverse Remodeling of Chamber Geometry, 1-229
- Relationship Between Early Diastolic Intraventricular Pressure Gradients, an Index of Elastic Recoil, and Improvements in Systolic and Diastolic Function, 1-330
- Tissue Doppler Imaging Consistently Detects Myocardial Abnormalities in Patients With Hypertrophic Cardiomyopathy and Provides a Novel Means for an Early Diagnosis Before and Independently of Hypertrophy, 128

- Transmural Distribution of Three-Dimensional Systolic Strains in Stunned Myocardium, 336
- Diet**
- Dietary Protein and Weight Reduction: A Statement for Healthcare Professionals From the Nutrition Committee of the Council on Nutrition, Physical Activity, and Metabolism of the American Heart Association, 1869
- n-3 Polyunsaturated Fatty Acids, Fish, and Nonfatal Acute Myocardial Infarction, 2269
- Dispersion**
- Gap Junction Blockers Decrease Defibrillation Thresholds Without Changes in Ventricular Refractoriness in Isolated Rabbit Hearts, 1544
- DNA**
- 8-Oxo-dGTPase, Which Prevents Oxidative Stress-Induced DNA Damage, Increases in the Mitochondria From Failing Hearts, 2883
- Dosage**
- Real-Time Quantification and Display of Skin Radiation During Coronary Angiography and Intervention, 1779
- Drugs**
- Comparison of Use of Medications After Acute Myocardial Infarction in the Veterans Health Administration and Medicare, 2898
- Conjugation of Low-Molecular-Weight Heparin and Deoxycholic Acid for the Development of a New Oral Anticoagulant Agent, 3116
- Functional Genomics and Cardiovascular Drug Discovery, 1441
- Novel Drug-Delivery Stent: Intravascular Ultrasound Observations From the First Human Experience With the QP2-Eluting Polymer Stent System, 380
- Physiological Transport Forces Govern Drug Distribution for Stent-Based Delivery, 600
- Selective Serotonin Reuptake Inhibitors and Myocardial Infarction, 1894
- Sustained Suppression of Neointimal Proliferation by Sirolimus-Eluting Stents: One-Year Angiographic and Intravascular Ultrasound Follow-Up, 2007
- E**
- Echocardiography**
- Chordal Cutting: A New Therapeutic Approach for Ischemic Mitral Regurgitation, 1958
- Clinical Correlates and Reference Intervals for Pulmonary Artery Systolic Pressure Among Echocardiographically Normal Subjects, 2797
- Combined Assessment of Myocardial Perfusion and Regional Left Ventricular Function by Analysis of Contrast-Enhanced Power Modulation Images, 352
- Comparison of Real-Time and Intermittent Triggered Myocardial Contrast Echocardiography for Quantification of Coronary Stenosis Severity and Transmural Perfusion Gradient, 1550
- Destruction of Contrast Microbubbles by Ultrasound: Effects on Myocardial Function, Coronary Perfusion Pressure, and Microvascular Integrity, 461
- Development of a Noninvasive Ultrasound Color M-Mode Means of Estimating Pulmonary Vascular Resistance in Pediatric Pulmonary Hypertension: Mathematical Analysis, In Vitro Validation, and Preliminary Clinical Studies, 908
- Does Coronary Artery Bypass Grafting Alone Correct Moderate Ischemic Mitral Regurgitation? 168
- Effects of Once-Daily Angiotensin-Converting Enzyme Inhibition and Calcium Channel Blockade-Based Antihypertensive Treatment Regimens on Left Ventricular Hypertrophy and Diastolic Filling in Hypertension: The Prospective Randomized Enalapril Study Evaluating Regression of Ventricular Enlargement (PRESERVE) Trial, 1248
- Endothelial Nitric Oxide Synthase Limits Left Ventricular Remodeling After Myocardial Infarction in Mice, 1286
- Hypertrophic Cardiomyopathy: From Bedside to Bench . . . And Now Back Again? 126
- Incidence, Location, Pathology, and Significance of Pulmonary Homograft Stenosis After the Ross Operation, 1-16
- Multimodal Fetal Transesophageal Echocardiography for Fetal Cardiac Intervention in Sheep, 1757
- Noninvasive Quantification of the Contractile Reserve of Stunned Myocardium by Ultrasonic Strain Rate and Strain, 1059
- Paradoxical Decrease in Ischemic Mitral Regurgitation With Papillary Muscle Dysfunction: Insights From Three-Dimensional and Contrast Echocardiography With Strain Rate Measurement, 1952
- Predictors of Outcome of Biventricular Repair in Infants With Multiple Left Heart Obstructive Lesions, 682
- Reliability of Multicenter Pediatric Echocardiographic Measurements of Left Ventricular Structure and Function: The Prospective P²C² HIV Study, 310
- Reliability of Tissue Doppler Wall Motion Monitoring After Heart Transplantation for Replacement of Invasive Routine Screenings by Optimally Timed Cardiac Biopsies and Catheterizations, 1-184
- Staphylococcus aureus* Bacteremia in Patients With Permanent Pacing or Implantable Cardioverter-Defibrillators, 1029
- Ultrasound Assessment of Inflammation and Renal Tissue Injury With Microbubbles Targeted to P-Selectin, 2107
- Use of Intracardiac Echocardiography to Guide Ablation of Atrial Fibrillation, 3010
- Edema**
- All-Blood (Miniplegia) Versus Dilute Cardioplegia in Experimental Surgical Revascularization of Evolving Infarction, 1-296
- Editorials**
- Aortic Thrombosis as a Complication of Paroxysmal Nocturnal Hemoglobinuria, e1
- AT₂, Judgment Day: Which Angiotensin Receptor Is the Culprit in Cardiac Hypertrophy? 247
- Atherosclerosis, Autoimmunity, and Systemic Lupus Erythematosus, 1876
- Bench to Bedside: The Development of Rapamycin and Its Application to Stent Restenosis, 852
- Brugada Syndrome: Why Are There Multiple Answers to a Simple Question? 3017
- Bush Administration and the Democratic Senate Wrestle With Health Care, 244
- C-Reactive Protein: Linking Inflammation to Cardiovascular Complications, 974
- Calcineurin Inhibition in Hypertrophy: Back From the Dead! 9
- Cardiac Biomarkers for Rapid Evaluation of Chest Pain, 1454
- Cardiac Sodium Channel Gene Mutations and Sudden Infant Death Syndrome: Confirmation of Proof of Concept? 1092
- Carotid Filters: New Additions to the Interventionist's Toolbox, 2
- Cholesterol in Vascular and Valvular Calcification, 1881
- Dynamic Regulation of the Extracellular Matrix After Mechanical Unloading of the Failing Human Heart: Recovering the Missing Link in Left Ventricular Remodeling, 1089
- Folate and Nitrate-Induced Endothelial Dysfunction: A Simple Treatment for a Complex Pathobiology, 1086
- High-Density Lipoprotein and the Dynamics of Atherosclerotic Lesions, 2386
- Hypertrophic Cardiomyopathy: From Bedside to Bench . . . And Now Back Again? 126
- Importance of TIMI 3 Flow, 624
- Inflammatory Cardiomyopathy (Myocarditis): Which Patients Should Be Treated With Anti-Inflammatory Therapy? 4
- Intracoronary Brachytherapy in the Porcine Model: A Different Animal, 2388
- Living the Dream of No Restenosis, 1996
- Low-Density-Lipoprotein Cholesterol Goals for Patients With Coronary Disease: Treating Between the Lines, 2635
- Matrix Metalloproteinase Hypothesis of Plaque Rupture: Players Keep Piling Up But Questions Remain, 1878
- Matters of Sex: Sex Matters, 1333
- Memories of Patients With a Giant Left Atrium, 2630
- Nitric Oxide and Cardiac Contractility in Human Heart Failure: Time for Reappraisal, 2260
- Off-Pump Coronary Bypass Surgery: In Search of an Identity, 1743
- On Causes: Hippocrates, Aristotle, Robert Koch, and the Dread Pirate Roberts, 2509
- Operator Volume and Clinical Outcomes of Primary Coronary Angioplasty for Patients With Acute Myocardial Infarction, 2155
- Oxidant Stress as a Marker for Cardiovascular Events: Ox Marks the Spot, 2638
- Plasma Nonesterified Fatty Acid Concentration as a Risk Factor for Sudden Cardiac Death: The Paris Prospective Study, 744

- Platelet Collagen Receptors and Risk Prediction in Stroke and Coronary Artery Disease, 1451
- Regression of Left Ventricular Hypertrophy and Improved Prognosis: Some HOPE Now...or Hype? 1582
- Revascularization Versus Implantable Cardioverter-Defibrillators to Prevent Sudden Death in Patients With Severe Left Ventricular Dysfunction, 1457
- Saving Time Saves Lives, 2506
- Superiority of Bilateral Internal Thoracic Artery Grafting: It's Been a Long Time Comin', 2152
- Syncope Evaluation at a Crossroad: For Which Patients? 7
- Therapeutic Arteriogenesis Has Arrived, 1994
- Thrombolysis in Pulmonary Embolism: A Large-Scale Clinical Trial Is Overdue, 2876
- The Time Has Come to Stop Letting the HERS Tale Wag the Dogma, 2256
- Time Is Myocardium and Time Is Outcomes, 2632
- Timing Is Everything: Motivating Patients to Call 9-1-1 at Onset of Acute Myocardial Infarction, 1210
- Titin: An Elastic Link Between Length and Active Force Production in Myocardium, 1585
- Tolerance to the Organic Nitrates: New Ideas, New Mechanisms, Continued Mystery, 2263
- Troponins, Necrosettes, Enzyme Leaks, Creatinine Phosphokinase Bumps, and Infarctlets: What's Behind This New Lexicon and What Does It Add? 627
- Who's on First? Does Hypertension in Type I Diabetics Result From Nephropathy or Metabolic Alterations? 508
- Will Diabetes Save the Platelet Blockers? 2759
- Wolff-Parkinson-White Syndrome: A Genetic Disease? 3014
- Elasticity**
- Normalized Diastolic Properties After Left Ventricular Assist Result From Reverse Remodeling of Chamber Geometry, 1-229
- Electrical stimulation**
- Biomechanical Hearts: Muscular Blood Pumps, Performed in a 1-Step Operation, and Trained Under Support of Clenbuterol, 717
- Catheter Stimulation of Cardiac Parasympathetic Nerves in Humans: A Novel Approach to the Cardiac Autonomic Nervous System, 2430
- Optical Mapping of Ventricular Defibrillation in Isolated Swine Right Ventricles: Demonstration of a Postshock Isoelectric Window After Near-Threshold Defibrillation Shocks, 227
- Electrocardiography**
- Cardiac Biomarkers for Rapid Evaluation of Chest Pain, 1454
- Clinical Implications for Affected Parents and Siblings of Proband With Long-QT Syndrome, 557
- His Electrogram Alternans Reveal Dual-Wavefront Inputs Into and Longitudinal Dissociation Within the Bundle of His, 832
- Imaging Dispersion of Myocardial Repolarization, I-: Comparison of Body-Surface and Epicardial Measures, 1299
- Imaging Dispersion of Myocardial Repolarization, I-I: Noninvasive Reconstruction of Epicardial Measures, 1306
- Mechanism of Syncope in Patients With Bundle Branch Block and Negative Electrophysiological Test, 2045
- Mechanism of Syncope in Patients With Isolated Syncope and in Patients With Tilt-Positive Syncope, 1261
- Minimum Bandwidth Requirements for Recording of Pediatric Electrocardiograms, 3087
- Prediction of Long-Term Outcomes by Signal-Averaged Electrocardiography in Patients With Un sustained Ventricular Tachycardia, Coronary Artery Disease, and Left Ventricular Dysfunction, 436
- Sexual Dimorphism in the Electrocardiographic Dynamics of Human Ventricular Repolarization: Characterization in True Time Domain, 32
- Vascular Endothelial Growth Factor-B-Deficient Mice Display an Atrial Conduction Defect, 358
- Electrogram**
- Relationship Between Sinus Rhythm Activation and the Reentrant Ventricular Tachycardia Isthmus, 613
- Electrophysiology**
- Accurate Assessment of Patient Effective Radiation Dose and Associated Detriment Risk From Radiofrequency Catheter Ablation Procedures, 58
- Chronic Amiodarone Evokes No Torsade de Pointes Arrhythmias Despite QT Lengthening in an Animal Model of Acquired Long-QT Syndrome, 2722
- Comparison of Nitric Oxide Release and Endothelium-Derived Hyperpolarizing Factor-Mediated Hyperpolarization Between Human Radial and Internal Mammary Arteries, 1-344
- Effects of Angiotensin-Converting Enzyme Inhibition on the Development of the Atrial Fibrillation Substrate in Dogs With Ventricular Tachypacing-Induced Congestive Heart Failure, 2608
- Electrical Remodeling in Pressure-Overload Cardiac Hypertrophy: Role of Calcineurin, 1657
- His Electrogram Alternans Reveal Dual-Wavefront Inputs Into and Longitudinal Dissociation Within the Bundle of His, 832
- Imaging Dispersion of Myocardial Repolarization, I: Comparison of Body-Surface and Epicardial Measures, 1299
- Imaging Dispersion of Myocardial Repolarization, II: Noninvasive Reconstruction of Epicardial Measures, 1306
- Ionic Remodeling of Cardiac Purkinje Cells by Congestive Heart Failure, 2095
- Learning From Mistakes: The Case of Clinical Electrophysiology: A Perspective on Evidence-Based Rhythmology, 845
- Mechanism of Syncope in Patients With Bundle Branch Block and Negative Electrophysiological Test, 2045
- Mechanoelectrical Feedback: Role of β -Adrenergic Receptor Activation in Mediating Load-Dependent Shortening of Ventricular Action Potential and Refractoriness, 486
- Methods for Determining the Refractory Period and Excitable Gap During Persistent Atrial Fibrillation in the Goat, 957
- New Approaches to Antiarrhythmic Therapy, Part I: Emerging Therapeutic Applications of the Cell Biology of Cardiac Arrhythmias, 2865
- New Approaches to Antiarrhythmic Therapy, Part II: Emerging Therapeutic Applications of the Cell Biology of Cardiac Arrhythmias, 2990
- Optical Mapping of Ventricular Defibrillation in Isolated Swine Right Ventricles: Demonstration of a Postshock Isoelectric Window After Near-Threshold Defibrillation Shocks, 227
- Randomized Assessment of Syncope Trial: Conventional Diagnostic Testing Versus a Prolonged Monitoring Strategy, 46
- Relationship Between Sinus Rhythm Activation and the Reentrant Ventricular Tachycardia Isthmus, 613
- Reversing the Direction of Paced Ventricular and Atrial Wavefronts Reveals an Oblique Course in Accessory AV Pathways and Improves Localization for Catheter Ablation, 550
- Right Atrial Septal Electrode for Reducing the Atrial Defibrillation Threshold, 1066
- Ventricular Arrhythmia Vulnerability in Cardiomyopathic Mice With Homozygous Mutant Myosin-Binding Protein C Gene, 2734
- Embolism**
- Balloon-Protected Carotid Artery Stenting: Relationship of Periprocedural Neurological Complications With the Size of Particulate Debris, 2791
- Cerebral Protection With Filter Devices During Carotid Artery Stenting, 12
- Effect of the Distal-Balloon Protection System on Microembolization During Carotid Stenting, 1999
- Prevention of Distal Embolization During Coronary Angioplasty in Saphenous Vein Grafts and Native Vessels Using Porous Filter Protection, 2436
- Thrombolysis in Pulmonary Embolism: A Large-Scale Clinical Trial Is Overdue, 2876
- Endocardium**
- Activation of Cardiac Endothelium as a Compensatory Component in Endotoxin-Induced Cardiomyopathy: Role of Endothelin, Prostaglandins, and Nitric Oxide, 3137
- Endoscopy**
- Development of Robotic Enhanced Endoscopic Surgery for the Treatment of Coronary Artery Disease, 1-102
- Endothelin**
- Coexpression of Endothelin-Converting Enzyme-1 and Endothelin-1 in Different Stages of Human Atherosclerosis, 864
- Differential Effects of Angiotensin II Versus Endothelin-1 Inhibitions in Hypertrophic Left Ventricular Myocardium During Transition to Heart Failure, 606

- Load Versus Humoral Activation in the Genesis of Early Hypertensive Heart Disease, 215
- Role of Endothelin-1 in the Active Constriction of Human Atherosclerotic Coronary Arteries, 1114
- Endothelium**
- Adenovirus-Mediated Gene Transfer of VEGF₁₂₁ Improves Lower-Extremity Endothelial Function and Flow Reserve, 753
- All-Blood (Miniplegia) Versus Dilute Cardioplegia in Experimental Surgical Revascularization of Evolving Infarction, 1-296
- Apoptosis of Endothelial Cells Precedes Myocyte Cell Apoptosis in Ischemia/Reperfusion Injury, 253
- Attenuated Myocardial Vasodilator Response in Patients With Hypertensive Hypertrophy Revealed by Oxygenation-Dependent Magnetic Resonance Imaging, 1214
- Autologous Endothelialized Vein Allograft: A Solution in the Search for Small-Caliber Grafts in Coronary Artery Bypass Graft Operations, 1-108
- Biochemical and Structural Evidence for Pig Myocardium Adherens Junction Disruption by Cardiopulmonary Bypass, 1-319
- Cerivastatin, a Hydroxymethylglutaryl Coenzyme A Reductase Inhibitor, Improves Endothelial Function in Elderly Diabetic Patients Within 3 Days, 376
- Coronary Endothelial Dysfunction After Heart Transplantation Predicts Allograft Vasculopathy and Cardiac Death, 3091
- Disordered Cellular Migration and Angiogenesis in *cd39*-Null Mice, 3109
- Dysfunctional Endothelial Nitric Oxide Biosynthesis in Healthy Smokers With Impaired Endothelium-Dependent Vasodilatation, 1905
- Effect of Medroxyprogesterone Acetate on Endothelium-Dependent Vasodilation in Postmenopausal Women Receiving Estrogen, 1773
- Effects of Hematocrit on Cerebral Microcirculation and Tissue Oxygenation During Deep Hypothermic Bypass, 1-260
- Endothelial Cell Dysfunction in Mice After Transgenic Knockout of Type 2, but Not Type 1, 11 β -Hydroxysteroid Dehydrogenase, 2832
- Endothelial Dysfunction, Oxidative Stress, and Risk of Cardiovascular Events in Patients With Coronary Artery Disease, 2673
- Estrogen Receptor-Mediated, Nitric Oxide-Dependent Modulation of the Immunologic Barrier Function of the Endothelium: Regulation of Fas Ligand Expression by Estradiol, 2576
- Expression of Endomyocardial Nitric Oxide Synthase and Coronary Endothelial Function in Human Cardiac Allografts, 1-336
- Folic Acid Prevents Nitroglycerin-Induced Nitric Oxide Synthase Dysfunction and Nitrate Tolerance: A Human In Vivo Study, 1119
- High-Density Lipoproteins and Endothelial Function, 1978
- Homocysteine Impairs the Nitric Oxide Synthase Pathway: Role of Asymmetric Dimethylarginine, 2569
- Impact of Hyperthyroidism and Its Correction on Vascular Reactivity in Humans, 3076
- Impaired Endothelial Regulation of Ventricular Relaxation in Cardiac Hypertrophy: Role of Reactive Oxygen Species and NADPH Oxidase, 2967
- In Vivo Blockade of Tumor Necrosis Factor- α Accelerates Functional Endothelial Recovery After Balloon Angioplasty, 1754
- Induction of NAD(P)H Oxidase by Oxidized Low-Density Lipoprotein in Human Endothelial Cells: Antioxidative Potential of Hydroxymethylglutaryl Coenzyme A Reductase Inhibitor Therapy, 1767
- Memories of Patients With a Giant Left Atrium, 2630
- Mitochondrial Coupling Factor 6 Is Present on the Surface of Human Vascular Endothelial Cells and Is Released by Shear Stress, 3132
- Nebivolol Reverses Endothelial Dysfunction in Essential Hypertension: A Randomized, Double-Blind, Crossover Study, 511
- Oxidant Stress as a Marker for Cardiovascular Events: Ox Marks the Spot, 2638
- Oxidized Low-Density Lipoprotein Downregulates Endothelial Basic Fibroblast Growth Factor Through a Pertussis Toxin-Sensitive G-Protein Pathway: Mediator Role of Platelet-Activating Factor-Like Phospholipids, 588
- Prognostic Significance of Endothelial Dysfunction in Hypertensive Patients, 191
- Protection Against Oxidized Low-Density Lipoprotein-Induced Vascular Endothelial Cell Death by Integrin-Linked Kinase, 2762
- Regulation of Endothelial Nitric Oxide Synthase Expression in the Vascular Wall and in Mononuclear Cells From Hypercholesterolemic Rabbits, 1822
- Role of Endothelin-1 in the Active Constriction of Human Atherosclerotic Coronary Arteries, 1114
- Short- and Long-Term Black Tea Consumption Reverses Endothelial Dysfunction in Patients With Coronary Artery Disease, 151
- Therapeutic Angiogenesis Induced by Human Hepatocyte Growth Factor Gene in Rat Diabetic Hind Limb Ischemia Model: Molecular Mechanisms of Delayed Angiogenesis in Diabetes, 2344
- Tumor Necrosis Factor Antagonism With Etanercept Improves Systemic Endothelial Vasoreactivity in Patients With Advanced Heart Failure, 3023
- Use of Human Immunodeficiency Virus-1 Protease Inhibitors Is Associated With Atherogenic Lipoprotein Changes and Endothelial Dysfunction, 257
- Vascular Abnormalities and Elevated Blood Pressure in Mice Lacking Adrenomedullin Gene, 1964
- Vascular Dysfunction After Repair of Coarctation of the Aorta: Impact of Early Surgery, 1-165
- Vitamin C Inhibits Endothelial Cell Apoptosis in Congestive Heart Failure, 2182
- Endothelium-derived factors**
- Cell-Based Gene Transfer of Vascular Endothelial Growth Factor Attenuates Monocrotaline-Induced Pulmonary Hypertension, 2242
- Circulating Microparticles From Patients With Myocardial Infarction Cause Endothelial Dysfunction, 2649
- Comparison of Nitric Oxide Release and Endothelium-Derived Hyperpolarizing Factor-Mediated Hyperpolarization Between Human Radial and Internal Mammary Arteries, 1-344
- Cyclooxygenase-2 Blockade Does Not Impair Endothelial Vasodilator Function in Healthy Volunteers: Randomized Evaluation of Rofecoxib Versus Naproxen on Endothelium-Dependent Vasodilatation, 2879
- Long-Term Effects of Nonselective Endothelin A and B Receptor Antagonism in Postinfarction Rat: Importance of Timing, 2075
- Endotoxin**
- Immunopathogenesis of Atherosclerosis: Endotoxin Accelerates Atherosclerosis in Rabbits on Hypercholesterolemic Diet, 914
- Enzymes**
- Significance of Chymase-Dependent Angiotensin II-Forming Pathway in the Development of Vascular Proliferation, 1274
- Ubiquitous Elevation of Matrix Metalloproteinase-2 Expression in the Vasculature of Patients With Abdominal Aneurysms, 304
- Vasoconstrictor Effect of the Angiotensin-Converting Enzyme-Resistant, Chymase-Specific Substrate [Pro¹₁₀-Ala¹]-Angiotensin I in Human Dorsal Hand Veins: In Vivo Demonstration of Non-ACE Production of Angiotensin II in Humans, 1805
- Epidemiology**
- Association of Heart Rate Variability With Occupational and Environmental Exposure to Particulate Air Pollution, 986
- Cardiovascular Risk Assessment Based on US Cohort Studies: Findings From a National Heart, Lung, and Blood Institute Workshop, 491
- Carotid Intimal-Medial Thickness Is Related to Cardiovascular Risk Factors Measured From Childhood Through Middle Age: The Muscatine Study, 2815
- Circulating Nonesterified Fatty Acid Level as a Predictive Risk Factor for Sudden Death in the Population, 756
- Comparison of Various Electrophoretic Characteristics of LDL Particles and Their Relationship to the Risk of Ischemic Heart Disease, 2295
- Early Reinfarction After Fibrinolysis: Experience From the Global Utilization of Streptokinase and Tissue Plasminogen Activator (Alteplase) for Occluded Coronary Arteries (GUSTO I) and Global Use of Strategies To Open Occluded Coronary Arteries (GUSTO III) Trials, 1229
- Global Burden of Cardiovascular Diseases, Part I: General Considerations, the Epidemiologic Transition, Risk Factors, and Impact of Urbanization, 2746

- Global Burden of Cardiovascular Diseases: Part II: Variations in Cardiovascular Disease by Specific Ethnic Groups and Geographic Regions and Prevention Strategies, 2855
- Left Ventricular Hypertrophy as an Independent Predictor of Acute Cerebrovascular Events in Essential Hypertension, 2039
- Maternal and Paternal History of Myocardial Infarction and Risk of Cardiovascular Disease in Men and Women, 393
- n-3 Polyunsaturated Fatty Acids, Fish, and Nonfatal Acute Myocardial Infarction, 2269
- Selective Serotonin Reuptake Inhibitors and Myocardial Infarction, 1894
- Sudden Cardiac Death in the United States, 1989 to 1998, 2158
- Epinephrine**
- Developing a Vasopressor Combination in a Pig Model of Adult Asphyxial Cardiac Arrest, 1651
- Excitation**
- Heart Failure After Myocardial Infarction: Altered Excitation-Contraction Coupling, 688
- Improvement in Survival and Cardiac Metabolism After Gene Transfer of Sarcoplasmic Reticulum Ca^{2+} -ATPase in a Rat Model of Heart Failure, 1424
- Methods for Determining the Refractory Period and Excitable Gap During Persistent Atrial Fibrillation in the Goat, 957
- Exercise**
- A 30-Year Follow-Up of the Dallas Bed Rest and Training Study: I. Effect of Age on the Cardiovascular Response to Exercise, 1350
- A 30-Year Follow-Up of the Dallas Bed Rest and Training Study: II. Effect of Age on Cardiovascular Adaptation to Exercise Training, 1358
- Coordinated Adaptation of Oxygen Transport in Cardiopulmonary Disease, 963
- Enhanced Generation of Reactive Oxygen Species in the Limb Skeletal Muscles From a Murine Infarct Model of Heart Failure, 134
- Exercise Pathophysiology in Patients With Primary Pulmonary Hypertension, 429
- Exercise Standards for Testing and Training: A Statement for Healthcare Professionals From the American Heart Association, 1694
- Exercise Training Attenuates Age-Associated Diastolic Dysfunction in Rats, 221
- Heart Rate Recovery Immediately After Treadmill Exercise and Left Ventricular Systolic Dysfunction as Predictors of Mortality: The Case of Stress Echocardiography, 1911
- Muscle Ergoreceptor Overactivity Reflects Deterioration in Clinical Status and Cardiorespiratory Reflex Control in Chronic Heart Failure, 2324
- Parasympathetic Neural Activity Accounts for the Lowering of Exercise Heart Rate at High Altitude, 1785
- Severely Impaired Cardiac Autonomic Nervous Activity After the Fontan Operation, 1513
- Extracorporeal circulation**
- Aprotinin But Not ϵ -Aminocaproic Acid Decreases Interleukin-10 After Cardiac Surgery With Extracorporeal Circulation: Randomized, Double-Blind, Placebo-Controlled Study in Patients Receiving Aprotinin and ϵ -Aminocaproic Acid, 1-265
- Reversal of Cardiogenic Shock by Percutaneous Left Atrial-to-Femoral Arterial Bypass Assistance, 2917
- F**
- Farnesyl transferase inhibitor**
- Short-Term Local Delivery of an Inhibitor of Ras Farnesyltransferase Prevents Neointima Formation In Vivo After Porcine Coronary Balloon Angioplasty, 1538
- Fatty acids**
- Circulating Nonesterified Fatty Acid Level as a Predictive Risk Factor for Sudden Death in the Population, 756
- n-3 Polyunsaturated Fatty Acids, Fish, and Nonfatal Acute Myocardial Infarction, 2269
- Plasma Nonesterified Fatty Acid Concentration as a Risk Factor for Sudden Cardiac Death: The Paris Prospective Study, 744
- Femoral arteries**
- Decreased Coagulability Has No Clinically Relevant Effect on Atherogenesis: Observations in Individuals With a Hereditary Bleeding Tendency, 762
- Fetal heart**
- Metabolic Gene Expression in Fetal and Failing Human Heart, 2923
- Fetoscopy**
- Multimodal Fetal Transesophageal Echocardiography for Fetal Cardiac Intervention in Sheep, 1757
- Fetus**
- Multimodal Fetal Transesophageal Echocardiography for Fetal Cardiac Intervention in Sheep, 1757
- Fibrillation**
- Adverse Hemodynamic Effects of Interrupting Chest Compressions for Rescue Breathing During Cardiopulmonary Resuscitation for Ventricular Fibrillation Cardiac Arrest, 2465
- Atrial Electroanatomic Remodeling After Circumferential Radiofrequency Pulmonary Vein Ablation: Efficacy of an Anatomic Approach in a Large Cohort of Patients With Atrial Fibrillation, 2539
- Atrial Therapies Reduce Atrial Arrhythmia Burden in Defibrillator Patients, 1023
- Brugada Syndrome: Why Are There Multiple Answers to a Simple Question? 3017
- C-Reactive Protein Elevation in Patients With Atrial Arrhythmias: Inflammatory Mechanisms and Persistence of Atrial Fibrillation, 2886
- Effects of Rapid Atrial Pacing on the Arrhythmogenic Activity of Single Cardiomyocytes From Pulmonary Veins: Implication in Initiation of Atrial Fibrillation, 2849
- Efficacy of Dofetilide in the Treatment of Atrial Fibrillation-Flutter in Patients With Reduced Left Ventricular Function: A Danish Investigations of Arrhythmia and Mortality ON Dofetilide (DIAMOND) Substudy, 292
- Efficacy of Pacing Therapies for Treating Atrial Tachyarrhythmias in Patients With Ventricular Arrhythmias Receiving a Dual-Chamber Implantable Cardioverter Defibrillator, 887
- Electrical Induction of Ventricular Fibrillation for Resuscitation From Postcountershock Pulseless and Asystolic Cardiac Arrests, 723
- Electrophysiological Effects of Ibutilide in Patients With Accessory Pathways, 1933
- Impact of Atrial Fibrillation on the Clinical Course of Hypertrophic Cardiomyopathy, 2517
- Methods for Determining the Refractory Period and Excitable Gap During Persistent Atrial Fibrillation in the Goat, 957
- Molecular Basis of Downregulation of G-Protein-Coupled Inward Rectifying K^+ Current (I_{KACH}) in Chronic Human Atrial Fibrillation: Decrease in GIRK4 mRNA Correlates With Reduced I_{KACH} and Muscarinic Receptor-Mediated Shortening of Action Potentials, 2551
- Novel PRKAG2 Mutation Responsible for the Genetic Syndrome of Ventricular Preexcitation and Conduction System Disease With Childhood Onset and Absence of Cardiac Hypertrophy, 3030
- Novel SCN5A Mutation Leading Either to Isolated Cardiac Conduction Defect or Brugada Syndrome in a Large French Family, 3081
- Out-of-Hospital Cardiac Arrest in Men and Women, 2699
- Simultaneous Noncontact Mapping of Left Atrium in Patients With Paroxysmal Atrial Fibrillation, 297
- Successful Ventricular Defibrillation by the Selective Sodium-Hydrogen Exchanger Isoform-1 Inhibitor Cariporide, 234
- Use of Intracardiac Echocardiography to Guide Ablation of Atrial Fibrillation, 3010
- Fibrin**
- Novel MRI Contrast Agent for Molecular Imaging of Fibrin: Implications for Detecting Vulnerable Plaques, 1280
- Fibrinogen**
- Alcohol Consumption and Hemostatic Factors: Analysis of the Framingham Offspring Cohort, 1367
- Dissociation of Glycoprotein IIb/IIIa Antagonists From Platelets Does Not Result in Fibrinogen Binding or Platelet Aggregation, 1374
- Plasminogen Activator Inhibitor Type 1 Increases Neointima Formation in Balloon-Injured Rat Carotid Arteries, 1972
- Platelet Glycoprotein IIIa PI^{A} Polymorphism, Fibrinogen, and Platelet Aggregability: The Framingham Heart Study, 140
- Fibrinolysis**
- Alcohol Consumption and Hemostatic Factors: Analysis of the Framingham Offspring Cohort, 1367
- Early Reinfarction After Fibrinolysis: Experience From the Global Utilization of Streptokinase and Tissue Plasminogen Activator

- (Alteplase) for Occluded Coronary Arteries (GUSTO I) and Global Use of Strategies To Open Occluded Coronary Arteries (GUSTO III) Trials, 1229
- Time Is Myocardium and Time Is Outcomes, 2632
- Time to Treatment Influences the Impact of ST-Segment Resolution on One-Year Prognosis: Insights From the Assessment of the Safety and Efficacy of a New Thrombolytic (ASSENT-2) Trial, 2653
- Fibrosis**
- Simvastatin Induces Regression of Cardiac Hypertrophy and Fibrosis and Improves Cardiac Function in a Transgenic Rabbit Model of Human Hypertrophic Cardiomyopathy, 317
- Flavonoids**
- Short- and Long-Term Black Tea Consumption Reverses Endothelial Dysfunction in Patients With Coronary Artery Disease, 151
- Flecainide**
- Gating-Dependent Mechanisms for Flecainide Action in *SCN5A*-Linked Arrhythmia Syndromes, 1200
- Fluorescence**
- Spatial Heterogeneity of Calcium Transient Alternans During the Early Phase of Myocardial Ischemia in the Blood-Perfused Rabbit Heart, 2082
- Follow-up studies**
- Coronary Heart Disease Prediction From Lipoprotein Cholesterol Levels, Triglycerides, Lipoprotein(a), Apolipoproteins A-I and B, and HDL Density Subfractions: The Atherosclerosis Risk in Communities (ARIC) Study, 1108
- Late Results of Pediatric Cardiac Surgery in Finland: A Population-Based Study With 96% Follow-Up, 570
- Long-Term (29 Years) Results of Reconstructive Surgery in Rheumatic Mitral Valve Insufficiency, 1-12
- Neurodevelopmental Outcomes in Children After the Fontan Operation, 1-127
- Ultrasonic Echolucent Carotid Plaques Predict Future Strokes, 68
- Very Long-Term Survival and Durability of Mitral Valve Repair for Mitral Valve Prolapse, 1-1
- Fontan procedure**
- Factors Related to Pleural Effusions After Fontan Procedure in the Era of Fenestration, 1-148
- Neurodevelopmental Outcomes in Children After the Fontan Operation, 1-127
- Severely Impaired Cardiac Autonomic Nervous Activity After the Fontan Operation, 1513
- Free radicals**
- 8-Oxo-dGTPase, Which Prevents Oxidative Stress-Induced DNA Damage, Increases in the Mitochondria From Failing Hearts, 2883
- Allopurinol Improves Myocardial Efficiency in Patients With Idiopathic Dilated Cardiomyopathy, 2407
- Endothelial Dysfunction, Oxidative Stress, and Risk of Cardiovascular Events in Patients With Coronary Artery Disease, 2673
- Enhanced Generation of Reactive Oxygen Species in the Limb Skeletal Muscles From a Murine Infarct Model of Heart Failure, 134
- Impaired Endothelial Regulation of Ventricular Relaxation in Cardiac Hypertrophy: Role of Reactive Oxygen Species and NADPH Oxidase, 2967
- Induction of NAD(P)H Oxidase by Oxidized Low-Density Lipoprotein in Human Endothelial Cells: Antioxidative Potential of Hydroxymethylglutaryl Coenzyme A Reductase Inhibitor Therapy, 1767
- Lipid Peroxidation and Platelet Activation in Murine Atherosclerosis, 1940
- G**
- Gene targeting**
- AT₂ Judgment Day: Which Angiotensin Receptor Is the Culprit in Cardiac Hypertrophy? 247
- Bush Administration and the Democratic Senate Wrestle With Health Care, 244
- Gene therapy**
- Adenovirus-Mediated Gene Transfer of a Secreted Transforming Growth Factor- β Type II Receptor Inhibits Luminal Loss and Constrictive Remodeling After Coronary Angioplasty and Enhances Adventitial Collagen Deposition, 2595
- Adenovirus-Mediated Gene Transfer of VEGF₁₂₁ Improves Lower-Extremity Endothelial Function and Flow Reserve, 753
- Akt Activation Preserves Cardiac Function and Prevents Injury After Transient Cardiac Ischemia In Vivo, 330
- Augmentation of Cardiac Contractility Mediated by the Human β_3 -Adrenergic Receptor Overexpressed in the Hearts of Transgenic Mice, 2485
- Cardiac Gene Delivery With Cardiopulmonary Bypass, 131
- Cell-Based Gene Transfer of Vascular Endothelial Growth Factor Attenuates Monocrotaline-Induced Pulmonary Hypertension, 2242
- Cell Transplantation for the Treatment of Acute Myocardial Infarction Using Vascular Endothelial Growth Factor-Expressing Skeletal Myoblasts, 1-207
- Enhanced Myocardial Angiogenesis by Gene Transfer With Transplanted Cells, 1-218
- Human Cocksackie-Adenovirus Receptor Is Colocalized With Integrins $\alpha_3\beta_1$ and $\alpha_3\beta_3$ on the Cardiomyocyte Sarcolemma and Upregulated in Dilated Cardiomyopathy: Implications for Cardiotropic Viral Infections, 275
- Improvement in Survival and Cardiac Metabolism After Gene Transfer of Sarcoplasmic Reticulum Ca^{2+} -ATPase in a Rat Model of Heart Failure, 1424
- Magnetic Resonance Imaging Permits In Vivo Monitoring of Catheter-Based Vascular Gene Delivery, 1588
- New Approaches to Antiarrhythmic Therapy, Part I: Emerging Therapeutic Applications of the Cell Biology of Cardiac Arrhythmias, 2865
- New Approaches to Antiarrhythmic Therapy, Part II: Emerging Therapeutic Applications of the Cell Biology of Cardiac Arrhythmias, 2990
- Overexpression of Interleukin-1 Receptor Antagonist Provides Cardioprotection Against Ischemia-Reperfusion Injury Associated With Reduction in Apoptosis, 1-308
- Plasminogen Activator Inhibitor Type 1 Increases Neointima Formation in Balloon-Injured Rat Carotid Arteries, 1972
- Protection Against Autoimmune Myocarditis by Gene Transfer of Interleukin-10 by Electroporation, 1098
- Recombinant Vascular Endothelial Growth Factor Secreted From Tissue-Engineered Bioartificial Muscles Promotes Localized Angiogenesis, 594
- Therapeutic Angiogenesis Induced by Human Hepatocyte Growth Factor Gene in Rat Diabetic Hind Limb Ischemia Model: Molecular Mechanisms of Delayed Angiogenesis in Diabetes, 2344
- Ventricular Dysfunction After Cardioplegic Arrest Is Improved After Myocardial Gene Transfer of a β -Adrenergic Receptor Kinase Inhibitor, 2069
- Genes**
- Adenovirus-Mediated Heme Oxygenase-1 Gene Transfer Inhibits the Development of Atherosclerosis in Apolipoprotein E-Deficient Mice, 1519
- Angiogenesis Therapy: Amidst the Hype, the Neglected Potential for Serious Side Effects, 115
- c-Jun Decreases Voltage-Gated K^+ Channel Activity in Pulmonary Artery Smooth Muscle Cells, 1557
- Calcineurin Plays a Critical Role in the Development of Pressure Overload-Induced Cardiac Hypertrophy, 97
- De Novo Mutation in the *SCN5A* Gene Associated With Early Onset of Sudden Infant Death, 1158
- Effects of Candesartan on Cough and Bronchial Hyperresponsiveness in Mildly to Moderately Hypertensive Patients With Symptomatic Asthma, 281
- Functional Genomics and Cardiovascular Drug Discovery, 1441
- Heat Shock Protein 70 Gene Transfection Protects Mitochondrial and Ventricular Function Against Ischemia-Reperfusion Injury, 1-303
- Heterogeneous Expression of Gap Junction Channels in the Heart Leads to Conduction Defects and Ventricular Dysfunction, 1194
- Left Ventricular Remodeling in Transgenic Mice With Cardiac Restricted Overexpression of Tumor Necrosis Factor, 826
- Metabolic Gene Expression in Fetal and Failing Human Heart, 2923
- New Approaches to Antiarrhythmic Therapy, Part I: Emerging Therapeutic Applications of the Cell Biology of Cardiac Arrhythmias, 2865

- New Approaches to Antiarrhythmic Therapy. Part II: Emerging Therapeutic Applications of the Cell Biology of Cardiac Arrhythmias, 2990
- Novel PRKAG2 Mutation Responsible for the Genetic Syndrome of Ventricular Preexcitation and Conduction System Disease With Childhood Onset and Absence of Cardiac Hypertrophy, 3030
- Oxidized Low-Density Lipoprotein Downregulates Endothelial Basic Fibroblast Growth Factor Through a Pertussis Toxin-Sensitive G-Protein Pathway: Mediator Role of Platelet-Activating Factor-Like Phospholipids, 588
- Phospholipid Metabolite 1-Palmitoyl-Lysophosphatidylcholine Enhances Human *Ether-a-Go-Go*-Related Gene (HERG) K⁺ Channel Function, 2645
- Regression of Left Ventricular Hypertrophy After Surgical Therapy for Aortic Stenosis Is Associated With Changes in Extracellular Matrix Gene Expression, 1-54
- Single Nucleotide Polymorphisms in Multiple Novel Thrombospondin Genes May Be Associated With Familial Premature Myocardial Infarction, 2641
- Genetics**
- Brugada Syndrome: Why Are There Multiple Answers to a Simple Question? 3017
- Clinical Implications for Affected Parents and Siblings of Proband With Long-QT Syndrome, 557
- Coincident Linkage of Fasting Plasma Insulin and Blood Pressure to Chromosome 7q in Hypertensive Hispanic Families, 1255
- Complete Transposition of the Great Arteries: Patterns of Congenital Heart Disease in Familial Precurrence, 2809
- Genetic Variation in Coagulation and Fibrinolytic Proteins and Their Relation With Acute Myocardial Infarction: A Systematic Review, 3063
- Human Evidence That the Apolipoprotein A-II Gene Is Implicated in Visceral Fat Accumulation and Metabolism of Triglyceride-Rich Lipoproteins, 1223
- Hypertrophic Cardiomyopathy: From Bedside to Bench . . . And Now Back Again? 126
- New Concepts in Hypertrophic Cardiomyopathies, Part I, 2113
- New Concepts in Hypertrophic Cardiomyopathies, Part II, 2249
- NKX2.5 Mutations in Patients With Tetralogy of Fallot, 2565
- Novel Cardiac Troponin T Mutation as a Cause of Familial Dilated Cardiomyopathy, 2188
- Novel Platelet Membrane Glycoprotein VI Dimorphism Is a Risk Factor for Myocardial Infarction, 1459
- Novel *SCN5A* Mutation Leading Either to Isolated Cardiac Conduction Defect or Brugada Syndrome in a Large French Family, 3081
- PI^{A2} Polymorphism of β_3 Integrins Is Associated With Enhanced Thrombin Generation and Impaired Antithrombotic Action of Aspirin at the Site of Microvascular Injury, 2666
- Platelet Glycoprotein Ib α HPA-2 Met/VNTR B Haplotype as a Genetic Predictor of Myocardial Infarction and Sudden Cardiac Death, 876
- Platelet Glycoprotein IIIa PI^A Polymorphism, Fibrinogen, and Platelet Aggregability: The Framingham Heart Study, 140
- Point Mutation in the Stalk of Angiotensin-Converting Enzyme Causes a Dramatic Increase in Serum Angiotensin-Converting Enzyme But No Cardiovascular Disease, 1236
- Polymorphism in the β_1 -Adrenergic Receptor Gene and Hypertension, 187
- Simvastatin Induces Regression of Cardiac Hypertrophy and Fibrosis and Improves Cardiac Function in a Transgenic Rabbit Model of Human Hypertrophic Cardiomyopathy, 317
- Single Nucleotide Polymorphisms in Multiple Novel Thrombospondin Genes May Be Associated With Familial Premature Myocardial Infarction, 2641
- Tissue Doppler Imaging Consistently Detects Myocardial Abnormalities in Patients With Hypertrophic Cardiomyopathy and Provides a Novel Means for an Early Diagnosis Before and Independently of Hypertrophy, 128
- Ventricular Arrhythmia Vulnerability in Cardiomyopathic Mice With Homozygous Mutant Myosin-Binding Protein C Gene, 2734
- Wolff-Parkinson-White Syndrome: A Genetic Disease? 3014
- Glucose**
- Increased Adenosine Monophosphate-Activated Protein Kinase Activity in Rat Hearts With Pressure-Overload Hypertrophy, 1664
- Insulin Resistance, Hyperlipidemia, and Hypertension in Mice Lacking Endothelial Nitric Oxide Synthase, 342
- Glycoproteins**
- Attenuation of Rebound Ischemia After Discontinuation of Heparin Therapy by Glycoprotein IIb/IIIa Inhibition With Eptifibatide in Patients With Acute Coronary Syndromes: Observations From the Platelet IIb/IIIa in Unstable Angina: Receptor Suppression Using Integrilin Therapy (PURSUIT) Trial, 2772
- Dissociation of Glycoprotein IIb/IIIa Antagonists From Platelets Does Not Result in Fibrinogen Binding or Platelet Aggregation, 1374
- Pharmacodynamics and Pharmacokinetics of Eptifibatide in Patients With Acute Coronary Syndromes: Prospective Analysis From PURSUIT, 399
- Pharmacodynamics and Pharmacokinetics of Higher-Dose, Double-Bolus Eptifibatide in Percutaneous Coronary Intervention, 406
- PI^{A2} Polymorphism of β_3 Integrins Is Associated With Enhanced Thrombin Generation and Impaired Antithrombotic Action of Aspirin at the Site of Microvascular Injury, 2666
- Platelet Glycoprotein IIb/IIIa Inhibitors Reduce Mortality in Diabetic Patients With Non-ST-Segment-Elevation Acute Coronary Syndromes, 2767
- Platelet Glycoprotein IIIa PI^A Polymorphism, Fibrinogen, and Platelet Aggregability: The Framingham Heart Study, 140
- Role for Sulfatides in Platelet Aggregation, 2955
- Will Diabetes Save the Platelet Blockers? 2759
- Glycosylation end products, advanced**
- Improved Arterial Compliance by a Novel Advanced Glycation End-Product Crosslink Breaker, 1464
- Grafting**
- Benefit of Bilateral Over Single Internal Mammary Artery Grafts for Multiple Coronary Artery Bypass Grafting, 2164
- Comparison of Nitric Oxide Release and Endothelium-Derived Hyperpolarizing Factor-Mediated Hyperpolarization Between Human Radial and Internal Mammary Arteries, 1-344
- Inducible Nitric Oxide Synthase Inhibition of Weibel-Palade Body Release in Cardiac Transplant Rejection, 2369
- Nitric Oxide Synthase (nNOS) Gene Transfer Modifies Venous Bypass Graft Remodeling: Effects on Vascular Smooth Muscle Cell Differentiation and Superoxide Production, 1526
- Prevention of Distal Embolization During Coronary Angioplasty in Saphenous Vein Grafts and Native Vessels Using Porous Filter Protection, 2436
- Significance of Chymase-Dependent Angiotensin II-Forming Pathway in the Development of Vascular Proliferation, 1274
- Superiority of Bilateral Internal Thoracic Artery Grafting: It's Been a Long Time Comin', 2152
- Granulocyte-macrophage colony-stimulating factor**
- Promotion of Collateral Growth by Granulocyte-Macrophage Colony-Stimulating Factor in Patients With Coronary Artery Disease: A Randomized, Double-Blind, Placebo-Controlled Study, 2012
- Growth factors**
- In Cardiomyocyte Hypoxia, Insulin-Like Growth Factor-I-Induced Antiapoptotic Signaling Requires Phosphatidylinositol-3-OH-Kinase-Dependent and Mitogen-Activated Protein Kinase-Dependent Activation of the Transcription Factor cAMP Response Element-Binding Protein, 2088
- Growth substances**
- Adenovirus-Mediated Gene Transfer of VEGF₁₂₁ Improves Lower-Extremity Endothelial Function and Flow Reserve, 753
- Altered Growth Responses of Pulmonary Artery Smooth Muscle Cells From Patients With Primary Pulmonary Hypertension to Transforming Growth Factor- β_1 and Bone Morphogenetic Proteins, 790
- Angiogenesis Therapy: Amidst the Hype, the Neglected Potential for Serious Side Effects, 115
- Anti-Tumor Necrosis Factor- α Antibody Limits Heart Failure in a Transgenic Model, 1094
- Cardiac Hypertrophy After Transplantation Is Associated With Persistent Expression of Tumor Necrosis Factor- α , 676
- Chronic Administration of Ghrelin Improves Left Ventricular Dysfunction and Attenuates Development of Cardiac Cachexia in Rats With Heart Failure, 1430
- Elevated Circulating Level of Ghrelin in Cachexia Associated With Chronic Heart Failure: Relationships Between Ghrelin and Anabolic/Catabolic Factors, 2034

- Gelatin Sheet Incorporating Basic Fibroblast Growth Factor Enhances Healing of Devascularized Sternum in Diabetic Rats, I-325
- Left Ventricular Remodeling in Transgenic Mice With Cardiac Restricted Overexpression of Tumor Necrosis Factor, 826
- Oxidized Low-Density Lipoprotein Downregulates Endothelial Basic Fibroblast Growth Factor Through a Pertussis Toxin-Sensitive G-Protein Pathway: Mediator Role of Platelet-Activating Factor-Like Phospholipids, 588
- Promotion of Collateral Growth by Granulocyte-Macrophage Colony-Stimulating Factor in Patients With Coronary Artery Disease: A Randomized, Double-Blind, Placebo-Controlled Study, 2012
- Therapeutic Angiogenesis Induced by Human Hepatocyte Growth Factor Gene in Rat Diabetic Hind Limb Ischemia Model: Molecular Mechanisms of Delayed Angiogenesis in Diabetes, 2344
- Therapeutic Arteriogenesis Has Arrived, 1994
- Vascular Endothelial Growth Factor-B-Deficient Mice Display an Atrial Conduction Defect, 358

H

Health care

- Comparison of Use of Medications After Acute Myocardial Infarction in the Veterans Health Administration and Medicare, 2898

Health policy

- Bush Administration and the Democratic Senate Wrestle With Health Care, 244

Heart arrest

- Adverse Hemodynamic Effects of Interrupting Chest Compressions for Rescue Breathing During Cardiopulmonary Resuscitation for Ventricular Fibrillation Cardiac Arrest, 2465
- Developing a Vasopressor Combination in a Pig Model of Adult Asphyxial Cardiac Arrest, 1651
- Dispatcher-Assisted Cardiopulmonary Resuscitation and Survival in Cardiac Arrest, 2513
- Out-of-Hospital Cardiac Arrest in Men and Women, 2699
- Saving Time Saves Lives, 2506

Heart-assist device

- Biomechanical Hearts: Muscular Blood Pumps, Performed in a 1-Step Operation, and Trained Under Support of Clenbuterol, 717
- Differential Regulation of Mitogen-Activated Protein Kinases in the Failing Human Heart in Response to Mechanical Unloading, 2273
- Downregulation of Matrix Metalloproteinases and Reduction in Collagen Damage in the Failing Human Heart After Support With Left Ventricular Assist Devices, 1147
- Electrophysiological Alterations After Mechanical Circulatory Support in Patients With Advanced Cardiac Failure, 1241
- Mechanical Unloading Restores β -Adrenergic Responsiveness and Reverses Receptor Downregulation in the Failing Human Heart, 881
- Normalized Diastolic Properties After Left Ventricular Assist Result From Reverse Remodeling of Chamber Geometry, I-229
- Passive Containment and Reverse Remodeling by a Novel Textile Cardiac Support Device, I-270
- Phased Chest and Abdominal Compression-Decompression Versus Conventional Cardiopulmonary Resuscitation in Out-of-Hospital Cardiac Arrest, 768
- Quantitative Myocardial Cytokine Expression and Activation of the Apoptotic Pathway in Patients Who Require Left Ventricular Assist Devices, I-233
- Reversal of Cardiogenic Shock by Percutaneous Left Atrial-to-Femoral Arterial Bypass Assistance, 2917

Heart block

- Mechanism of Syncope in Patients With Bundle Branch Block and Negative Electrophysiological Test, 2045
- Novel *SCN5A* Mutation Leading Either to Isolated Cardiac Conduction Defect or Brugada Syndrome in a Large French Family, 3081

Heart defects, congenital

- Are Outcomes of Surgical Versus Transcatheter Balloon Valvotomy Equivalent in Neonatal Critical Aortic Stenosis? II52
- Complete Transposition of the Great Arteries: Patterns of Congenital Heart Disease in Familial Prevalence, 2809
- Development of a Noninvasive Ultrasound Color M-Mode Means of Estimating Pulmonary Vascular Resistance in Pediatric Pulmo-

- nary Hypertension: Mathematical Analysis, In Vitro Validation, and Preliminary Clinical Studies, 908

- Factors Related to Pleural Effusions After Fontan Procedure in the Era of Fenestration, I-148

- General Health Status of Children With D-Transposition of the Great Arteries After the Arterial Switch Operation, I-138

- Impact of Inspired Gas Mixtures on Preoperative Infants With Hypoplastic Left Heart Syndrome During Controlled Ventilation, I-159

- Late Results of Pediatric Cardiac Surgery in Finland: A Population-Based Study With 96% Follow-Up, 570

- NKX2.5 Mutations in Patients With Tetralogy of Fallot, 2565

- Posterior Pericardial Ascending-to-Descending Aortic Bypass: An Alternative Surgical Approach for Complex Coarctation of the Aorta, I-133

- Predictors of Outcome of Biventricular Repair in Infants With Multiple Left Heart Obstructive Lesions, 682

- Severely Impaired Cardiac Autonomic Nervous Activity After the Fontan Operation, 1513

Heart diseases

- Angiogenesis Therapy: Amidst the Hype, the Neglected Potential for Serious Side Effects, 115

- Are ACE Inhibitors a "Magic Bullet" Against Oxidative Stress? 1571

- Circulating Cell Adhesion Molecules and Death in Patients With Coronary Artery Disease, 1336

- Comparison of Various Electrophoretic Characteristics of LDL Particles and Their Relationship to the Risk of Ischemic Heart Disease, 2295

- Dynamic Regulation of the Extracellular Matrix After Mechanical Unloading of the Failing Human Heart: Recovering the Missing Link in Left Ventricular Remodeling, 1089

- Global Burden of Cardiovascular Diseases, Part I: General Considerations, the Epidemiologic Transition, Risk Factors, and Impact of Urbanization, 2746

- Global Burden of Cardiovascular Diseases: Part II: Variations in Cardiovascular Disease by Specific Ethnic Groups and Geographic Regions and Prevention Strategies, 2855

- Matters of Sex: Sex Matters, 1333

- Progression of Aortic Valve Calcification: Association With Coronary Atherosclerosis and Cardiovascular Risk Factors, 1927

- Prospective Multicenter Study of Pregnancy Outcomes in Women With Heart Disease, 515

- Reliability of Tissue Doppler Wall Motion Monitoring After Heart Transplantation for Replacement of Invasive Routine Screenings by Optimally Timed Cardiac Biopsies and Catheterizations, I-184

- Sudden Cardiac Death in the United States, 1989 to 1998, 2158

- Time Course of Aortic Valve Function and Root Dimensions After Subcoronary Ross Procedure for Bicuspid Versus Tricuspid Aortic Valve Disease, I-21

- Trends in Acute Coronary Heart Disease Mortality, Morbidity, and Medical Care From 1985 Through 1997: The Minnesota Heart Survey, 19

- Very Long-Term Results (More Than 20 Years) of Valve Repair With Carpentier's Techniques in Nonrheumatic Mitral Valve Insufficiency, I-8

- Warning Signs of a Heart Attack, 1212

Heart failure

- β -Adrenergic Receptor Blockers Restore Cardiac Calcium Release Channel (Ryanodine Receptor) Structure and Function in Heart Failure, 2843

- 8-Oxo-dGTPase, Which Prevents Oxidative Stress-Induced DNA Damage, Increases in the Mitochondria From Failing Hearts, 2883

- Activation of Lectin-Like Oxidized Low-Density Lipoprotein Receptor-I Induces Apoptosis in Cultured Neonatal Rat Cardiac Myocytes, 2948

- Acute Hemodynamic Effects of Conivaptan, a Dual V_{1A} and V_2 Vasopressin Receptor Antagonist, in Patients With Advanced Heart Failure, 2417

- Advances in the Understanding of Myocarditis, 1076

- Allopurinol Improves Myocardial Efficiency in Patients With Idiopathic Dilated Cardiomyopathy, 2407

- Angiotensin II Type 2 Receptor Is Essential for Left Ventricular Hypertrophy and Cardiac Fibrosis in Chronic Angiotensin II-Induced Hypertension, 346

- Anti-Tumor Necrosis Factor- α Antibody Limits Heart Failure in a Transgenic Model, 1094
- Bradykinin Contributes to the Vasodilator Effects of Chronic Angiotensin-Converting Enzyme Inhibition in Patients With Heart Failure, 2177
- Chronic Administration of Ghrelin Improves Left Ventricular Dysfunction and Attenuates Development of Cardiac Cachexia in Rats With Heart Failure, 1430
- Chronic Phosphocreatine Depletion by the Creatine Analogue β -Guanidinopropionate Is Associated With Increased Mortality and Loss of ATP in Rats After Myocardial Infarction, 1844
- Complement Activation in Patients With Congestive Heart Failure: Effect of High-Dose Intravenous Immunoglobulin Treatment, 1494
- Coordinated Adaptation of Oxygen Transport in Cardiopulmonary Disease, 963
- Differential Regulation of Mitogen-Activated Protein Kinases in the Failing Human Heart in Response to Mechanical Unloading, 2273
- Downregulation of Matrix Metalloproteinases and Reduction in Collagen Damage in the Failing Human Heart After Support With Left Ventricular Assist Devices, 1147
- Dynamic Regulation of the Extracellular Matrix After Mechanical Unloading of the Failing Human Heart: Recovering the Missing Link in Left Ventricular Remodeling, 1089
- Effect of Resynchronization Therapy Stimulation Site on the Systolic Function of Heart Failure Patients, 3026
- Effects of Angiotensin-Converting Enzyme Inhibition on the Development of the Atrial Fibrillation Substrate in Dogs With Ventricular Tachypacing-Induced Congestive Heart Failure, 2608
- Effects of Calcium, Inorganic Phosphate, and pH on Isometric Force in Single Skinned Cardiomyocytes From Donor and Failing Human Hearts, 1140
- Effects of Nitric Oxide Synthase Inhibition on Basal Function and the Force-Frequency Relationship in the Normal and Failing Human Heart In Vivo, 2318
- Efficacy of Dofetilide in the Treatment of Atrial Fibrillation-Flutter in Patients With Reduced Left Ventricular Function: A Danish Investigations of Arrhythmia and Mortality ON Dofetilide (DIAMOND) Substudy, 292
- Electrophysiological Alterations After Mechanical Circulatory Support in Patients With Advanced Cardiac Failure, 1241
- Elevated Circulating Level of Ghrelin in Cachexia Associated With Chronic Heart Failure: Relationships Between Ghrelin and Anabolic/Catabolic Factors, 2034
- Enhanced Generation of Reactive Oxygen Species in the Limb Skeletal Muscles From a Murine Infarct Model of Heart Failure, 134
- Expression of Inducible Nitric Oxide Synthase Depresses β -Adrenergic-Stimulated Calcium Release From the Sarcoplasmic Reticulum in Intact Ventricular Myocytes, 2961
- Heart Failure After Myocardial Infarction: Altered Excitation-Contraction Coupling, 688
- Heart Failure With a Normal Ejection Fraction: Is Measurement of Diastolic Function Necessary to Make the Diagnosis of Diastolic Heart Failure? 779
- Hypertensive End-Organ Damage and Premature Mortality Are p38 Mitogen-Activated Protein Kinase-Dependent in a Rat Model of Cardiac Hypertrophy and Dysfunction, 1292
- Improvement in Survival and Cardiac Metabolism After Gene Transfer of Sarcoplasmic Reticulum Ca^{2+} -ATPase in a Rat Model of Heart Failure, 1424
- Improvement of Left Ventricular Remodeling and Function by Hydroxymethylglutaryl Coenzyme A Reductase Inhibition With Cerivastatin in Rats With Heart Failure After Myocardial Infarction, 982
- Increased Inducible Nitric Oxide Synthase Expression Contributes to Myocardial Dysfunction and Higher Mortality After Myocardial Infarction in Mice, 700
- Inflammatory Cardiomyopathy (Myocarditis): Which Patients Should Be Treated With Anti-Inflammatory Therapy? 4
- Inhibition of Tumor Necrosis Factor- α Improves Postschemic Recovery of Hypertrophied Hearts, I-350
- Intracoronary Infusion of Skeletal Myoblasts Improves Cardiac Function in Doxorubicin-Induced Heart Failure, I-213
- Ionic Mechanism of Delayed Afterdepolarizations in Ventricular Cells Isolated From Human End-Stage Failing Hearts, 2728
- Ionic Remodeling of Cardiac Purkinje Cells by Congestive Heart Failure, 2095
- Is Skeletal Myoblast Transplantation Clinically Relevant in the Era of Angiotensin-Converting Enzyme Inhibitors? I-223
- Left Ventricular Remodeling in Transgenic Mice With Cardiac Restricted Overexpression of Tumor Necrosis Factor, 826
- Mechanical Unloading Restores β -Adrenergic Responsiveness and Reverses Receptor Downregulation in the Failing Human Heart, 881
- Metabolic Gene Expression in Fetal and Failing Human Heart, 2923
- Mitochondrial Abnormalities in Tumor Necrosis Factor- α -Induced Heart Failure Are Associated With Impaired DNA Repair Activity, 2492
- Nitric Oxide and Cardiac Contractility in Human Heart Failure: Time for Reappraisal, 2260
- Nonselective Versus Selective β -Adrenergic Receptor Blockade in Congestive Heart Failure: Differential Effects on Sympathetic Activity, 2194
- Normalized Diastolic Properties After Left Ventricular Assist Result From Reverse Remodeling of Chamber Geometry, I-229
- Passive Containment and Reverse Remodeling by a Novel Textile Cardiac Support Device, I-270
- Patients With End-Stage Congestive Heart Failure Treated With β -Adrenergic Receptor Antagonists Have Improved Ventricular Myocyte Calcium Regulatory Protein Abundance, 1012
- Peripheral Chemoreceptor Hypersensitivity: An Ominous Sign in Patients With Chronic Heart Failure, 544
- Primary Prevention of Sudden Death With Implantable Defibrillator Therapy in Patients With Cardiac Disease: Can We Afford to Do It? (Can We Afford Not To?), 1564
- Procalcitonin, A Donor-Specific Predictor of Early Graft Failure-Related Mortality After Heart Transplantation, I-192
- Quantitative Myocardial Cytokine Expression and Activation of the Apoptotic Pathway in Patients Who Require Left Ventricular Assist Devices, I-233
- Randomized, Placebo-Controlled Study for Immunosuppressive Treatment of Inflammatory Dilated Cardiomyopathy: Two-Year Follow-Up Results, 39
- Respiratory Modulation of Muscle Sympathetic Nerve Activity in Patients With Chronic Heart Failure, 418
- Simvastatin Induces Regression of Cardiac Hypertrophy and Fibrosis and Improves Cardiac Function in a Transgenic Rabbit Model of Human Hypertrophic Cardiomyopathy, 317
- Time Course of Functional Recovery of Stunned and Hibernating Segments After Surgical Revascularization, I-314
- Titin: An Elastic Link Between Length and Active Force Production in Myocardium, 1585
- Tumor Necrosis Factor Antagonism With Etanercept Improves Systemic Endothelial Vasoreactivity in Patients With Advanced Heart Failure, 3023
- Upregulation of the Cardiac Monocarboxylate Transporter MCT1 in a Rat Model of Congestive Heart Failure, 729
- Vasopeptidase Inhibitors: A New Therapeutic Concept in Cardiovascular Disease? 1856
- Vitamin C Inhibits Endothelial Cell Apoptosis in Congestive Heart Failure, 2182
- Heart rate**
- A 30-Year Follow-Up of the Dallas Bed Rest and Training Study: II. Effect of Age on Cardiovascular Adaptation to Exercise Training, 1358
- Altered Autonomic Support of Arterial Blood Pressure With Age in Healthy Men, 2424
- Association of Heart Rate Variability With Occupational and Environmental Exposure to Particulate Air Pollution, 986
- Heart Rate Recovery Immediately After Treadmill Exercise and Left Ventricular Systolic Dysfunction as Predictors of Mortality: The Case of Stress Echocardiography, 1911
- Independent Association Between Plasma Leptin Levels and Heart Rate in Heart Transplant Recipients, 384
- Left Ventricular Muscle Mass and Elevated Heart Rate Are Associated With Coronary Plaque Disruption, 1477
- Parasympathetic Neural Activity Accounts for the Lowering of Exercise Heart Rate at High Altitude, 1785

- Predisposition to Vasovagal Syncope in Subjects With Blood/Injury Phobia, 903
- Reduced Functional Expression and Molecular Synthesis of Inducible Nitric Oxide Synthase in Rostral Ventrolateral Medulla of Spontaneously Hypertensive Rats, 1676
- Severely Impaired Cardiac Autonomic Nervous Activity After the Fontan Operation, 1513
- Sexual Dimorphism in the Electrocardiographic Dynamics of Human Ventricular Repolarization: Characterization in True Time Domain, 32
- Heart rate variability**
- Depression, Heart Rate Variability, and Acute Myocardial Infarction, 2024
- Heart septal defects**
- Development and Testing of the Helix Septal Occluder, a New Expanded Polytetrafluoroethylene Atrial Septal Defect Occlusion System, 711
- Heme oxygenase**
- Adenovirus-Mediated Heme Oxygenase-1 Gene Delivery Inhibits Injury-Induced Vascular Neointima Formation, 2710
- Adenovirus-Mediated Heme Oxygenase-1 Gene Transfer Inhibits the Development of Atherosclerosis in Apolipoprotein E-Deficient Mice, 1519
- Heme Oxygenase-1 Inhibits Atherogenesis in Watanabe Heritable Hyperlipidemic Rabbits, 1831
- Hemodynamics**
- Acute Hemodynamic Effects of Conivaptan, a Dual V_{1A} and V_2 Vasopressin Receptor Antagonist, in Patients With Advanced Heart Failure, 2417
- Adverse Hemodynamic Effects of Interrupting Chest Compressions for Rescue Breathing During Cardiopulmonary Resuscitation for Ventricular Fibrillation Cardiac Arrest, 2465
- Allopurinol Improves Myocardial Efficiency in Patients With Idiopathic Dilated Cardiomyopathy, 2407
- Collateral Function in Chronic Total Coronary Occlusions Is Related to Regional Myocardial Function and Duration of Occlusion, 2784
- Comparison of Right and Left Ventricular Responses to Left Ventricular Assist Device Support in Patients With Severe Heart Failure: A Primary Role of Mechanical Unloading Underlying Reverse Remodeling, 670
- Exercise Pathophysiology in Patients With Primary Pulmonary Hypertension, 429
- Heart Failure With a Normal Ejection Fraction: Is Measurement of Diastolic Function Necessary to Make the Diagnosis of Diastolic Heart Failure? 779
- Load Versus Humoral Activation in the Genesis of Early Hypertensive Heart Disease, 215
- Sequential Modulation of Cardiac Autonomic Control Induced by Cardiopulmonary and Arterial Baroreflex Mechanisms, 2932
- Subvalvular Gradients in Patients With Valvular Aortic Stenosis: Prevalence, Magnitude, and Physiological Importance, 1019
- Hemoglobin**
- Effects of Hematocrit on Cerebral Microcirculation and Tissue Oxygenation During Deep Hypothermic Bypass, 1-260
- Noninvasive Determination of Spatially Resolved and Time-Resolved Tissue Perfusion in Humans During Nitric Oxide Inhibition and Inhalation by Use of a Visible-Reflectance Hyperspectral Imaging Technique, 2905
- Hemorrhage**
- Aprotinin, Blood Loss, and Renal Dysfunction in Deep Hypothermic Circulatory Arrest, 1-276
- Increased Bleeding Tendency and Decreased Susceptibility to Thromboembolism in Mice Lacking the Prostaglandin E Receptor Subtype EP₄, 1176
- Oral Anticoagulation Thresholds, 2311
- Heparin**
- Attenuation of Rebound Ischemia After Discontinuation of Heparin Therapy by Glycoprotein IIb/IIIa Inhibition With Eptifibatide in Patients With Acute Coronary Syndromes: Observations From the Platelet IIb/IIIa in Unstable Angina: Receptor Suppression Using Integrilin Therapy (PURSUIT) Trial, 2772
- Conjugation of Low-Molecular-Weight Heparin and Deoxycholic Acid for the Development of a New Oral Anticoagulant Agent, 3116
- Oral Heparin Prevents Neointimal Hyperplasia After Arterial Injury: Inhibitory Potential Depends on Type of Vascular Injury, 3121
- Randomized Comparison of Enoxaparin, a Low-Molecular-Weight Heparin, With Unfractionated Heparin Adjunctive to Recombinant Tissue Plasminogen Activator Thrombolysis and Aspirin: Second Trial of Heparin and Aspirin Reperfusion Therapy (HART II), 648
- Hibernation**
- Time Course of Functional Recovery of Stunned and Hibernating Segments After Surgical Revascularization, 1-314
- His bundle**
- His Electrogram Alternans Reveal Dual-Wavefront Inputs Into and Longitudinal Dissociation Within the Bundle of His, 832
- HLA antigens**
- Randomized, Placebo-Controlled Study for Immunosuppressive Treatment of Inflammatory Dilated Cardiomyopathy: Two-Year Follow-Up Results, 39
- Homocysteine**
- Low Plasma Levels of Vitamin B₆ Are Independently Associated With a Heightened Risk of Deep-Vein Thrombosis, 2442
- Homocystinuria**
- Oxidative Stress and Platelet Activation in Homozygous Homocystinuria, 1124
- Hormones**
- 17 β -Estradiol Attenuates the Development of Pressure-Overload Hypertrophy, 1419
- Acute Hemodynamic Effects of Conivaptan, a Dual V_{1A} and V_2 Vasopressin Receptor Antagonist, in Patients With Advanced Heart Failure, 2417
- Chronic Administration of Ghrelin Improves Left Ventricular Dysfunction and Attenuates Development of Cardiac Cachexia in Rats With Heart Failure, 1430
- Effect of Medroxyprogesterone Acetate on Endothelium-Dependent Vasodilation in Postmenopausal Women Receiving Estrogen, 1773
- Elevated Circulating Level of Ghrelin in Cachexia Associated With Chronic Heart Failure: Relationships Between Ghrelin and Anabolic/Catabolic Factors, 2034
- Estrogen-Induced Vasoprotection Is Independent of Inducible Nitric Oxide Synthase Expression: Evidence From the Mouse Carotid Artery Ligation Model, 2740
- Hormone Replacement Therapy and Cardiovascular Disease: A Statement for Healthcare Professionals From the American Heart Association, 499
- Hormone Therapy and In-Hospital Survival After Myocardial Infarction in Postmenopausal Women, 2300
- Mitochondrial Coupling Factor 6 Is Present on the Surface of Human Vascular Endothelial Cells and Is Released by Shear Stress, 3132
- The Time Has Come to Stop Letting the HERS Tale Wag the Dogma, 2256
- Human immunodeficiency virus**
- Use of Human Immunodeficiency Virus-1 Protease Inhibitors Is Associated With Atherogenic Lipoprotein Changes and Endothelial Dysfunction, 257
- Hydralazine**
- Hypertension Does Not Account for the Accelerated Atherosclerosis and Development of Aneurysms in Male Apolipoprotein E/Endothelial Nitric Oxide Synthase Double Knockout Mice, 2391
- Hydroxysteroid dehydrogenases**
- Endothelial Cell Dysfunction in Mice After Transgenic Knockout of Type 2, but Not Type 1, 11 β -Hydroxysteroid Dehydrogenase, 2832
- Hypercapnia**
- Dysregulation of Peripheral and Central Chemoreflex Responses in Chagas' Heart Disease Patients Without Heart Failure, 1792
- Hypercholesterolemia**
- Heme Oxygenase-1 Inhibits Atherogenesis in Watanabe Heritable Hyperlipidemic Rabbits, 1831
- Platelet Inhibition Reduces Cyclic Flow Variations and Neointimal Proliferation in Normal and Hypercholesterolemic-Atherosclerotic Canine Coronary Arteries, 2331
- Reduced Sarco/Endoplasmic Reticulum Ca²⁺ Uptake Activity Can Account for the Reduced Response to NO, but Not Sodium Nitroprusside, in Hypercholesterolemic Rabbit Aorta, 1040

- Regulation of Endothelial Nitric Oxide Synthase Expression in the Vascular Wall and in Mononuclear Cells From Hypercholesterolemic Rabbits, 1822
- Upregulation of CD40 and CD40 Ligand (CD154) in Patients With Moderate Hypercholesterolemia, 2395
- Hyperlipidemia**
- Cerivastatin, a Hydroxymethylglutaryl Coenzyme A Reductase Inhibitor, Improves Endothelial Function in Elderly Diabetic Patients Within 3 Days, 376
- Hypertension**
- Stent Coating With Titanium-Nitride-Oxide for Reduction of Neointimal Hyperplasia, 928
- Hypertension**
- Accelerated Atherosclerosis, Aortic Aneurysm Formation, and Ischemic Heart Disease in Apolipoprotein E/Endothelial Nitric Oxide Synthase Double-Knockout Mice, 448
- Alterations of Cardiac Structure in Patients With Isolated Office, Ambulatory, or Home Hypertension: Data From the General Population (Pressione Arteriose Monitorate E Loro Associazioni [PAMELA] Study), 1385
- Angiotensin II Type 1 Receptor Blockade Prevents Lethal Malignant Hypertension: Relation to Kidney Inflammation, 1436
- Attenuated Myocardial Vasodilator Response in Patients With Hypertensive Hypertrophy Revealed by Oxygenation-Dependent Magnetic Resonance Imaging, 1214
- Biomechanical Strain Induces Class A Scavenger Receptor Expression in Human Monocyte/Macrophages and THP-1 Cells: A Potential Mechanism of Increased Atherosclerosis in Hypertension, 109
- Central Hypertensive Action of Clonidine Requires Nitric Oxide, 1884
- Coincident Linkage of Fasting Plasma Insulin and Blood Pressure to Chromosome 7q in Hypertensive Hispanic Families, 1255
- Differential Effects of Angiotensin II Versus Endothelin-1 Inhibitions in Hypertrophic Left Ventricular Myocardium During Transition to Heart Failure, 606
- Effects of Candesartan on Cough and Bronchial Hyperresponsiveness in Mildly to Moderately Hypertensive Patients With Symptomatic Asthma, 281
- Effects of Once-Daily Angiotensin-Converting Enzyme Inhibition and Calcium Channel Blockade-Based Antihypertensive Treatment Regimens on Left Ventricular Hypertrophy and Diastolic Filling in Hypertension: The Prospective Randomized Enalapril Study Evaluating Regression of Ventricular Enlargement (PRESERVE) Trial, 1248
- Endothelial Cell Dysfunction in Mice After Transgenic Knockout of Type 2, but Not Type 1, 11 β -Hydroxysteroid Dehydrogenase, 2832
- Hypertension Does Not Account for the Accelerated Atherosclerosis and Development of Aneurysms in Male Apolipoprotein E/Endothelial Nitric Oxide Synthase Double Knockout Mice, 2391
- Hypertensive End-Organ Damage and Premature Mortality Are p38 Mitogen-Activated Protein Kinase-Dependent in a Rat Model of Cardiac Hypertrophy and Dysfunction, 1292
- Improved Arterial Compliance by a Novel Advanced Glycation End-Product Crosslink Breaker, 1464
- Improvement in Hypertension in Patients With Diabetes Mellitus After Kidney/Pancreas Transplantation, 563
- Left Ventricular Hypertrophy as an Independent Predictor of Acute Cerebrovascular Events in Essential Hypertension, 2039
- Load Versus Humoral Activation in the Genesis of Early Hypertensive Heart Disease, 215
- Microcirculation in Hypertension: A New Target for Treatment? 735
- Nebivolol Reverses Endothelial Dysfunction in Essential Hypertension: A Randomized, Double-Blind, Crossover Study, 511
- Plasminogen Activator Inhibitor-1 Deficiency Prevents Hypertension and Vascular Fibrosis in Response to Long-term Nitric Oxide Synthase Inhibition, 839
- Polymorphism in the β_1 -Adrenergic Receptor Gene and Hypertension, 187
- Prognostic Significance of Endothelial Dysfunction in Hypertensive Patients, 191
- Prophylaxis of Restenosis With ^{186}Re -Labeled Stents in a Rabbit Model, 480
- Reduced Functional Expression and Molecular Synthesis of Inducible Nitric Oxide Synthase in Rostral Ventrolateral Medulla of Spontaneously Hypertensive Rats, 1676
- Regression of Left Ventricular Hypertrophy and Improved Prognosis: Some HOPE Now...or Hypert? 1582
- Sympathetic Neural Mechanisms in Normal and Hypertensive Pregnancy in Humans, 2200
- Synergistic Effect of Urotensin II With Mildly Oxidized LDL on DNA Synthesis in Vascular Smooth Muscle Cells, 16
- Treatment of Isolated Systolic Hypertension Is Most Effective in Older Patients With High-Risk Profile, 1923
- Usefulness of Serum Carboxy-Terminal Propeptide of Procollagen Type I in Assessment of the Cardioreparative Ability of Antihypertensive Treatment in Hypertensive Patients, 286
- Vasopeptidase Inhibitors: A New Therapeutic Concept in Cardiovascular Disease? 1856
- Who's on First? Does Hypertension in Type I Diabetics Result From Nephropathy or Metabolic Alterations? 508
- Hypertension, pulmonary**
- Altered Growth Responses of Pulmonary Artery Smooth Muscle Cells From Patients With Primary Pulmonary Hypertension to Transforming Growth Factor- β_1 and Bone Morphogenetic Proteins, 790
- Angiotensin-Converting Enzyme Inhibitor Preserves p21 and Endothelial Nitric Oxide Synthase Expression in Monocrotaline-Induced Pulmonary Arterial Hypertension in Rats, 945
- Cell-Based Gene Transfer of Vascular Endothelial Growth Factor Attenuates Monocrotaline-Induced Pulmonary Hypertension, 2242
- Clinical Correlates and Reference Intervals for Pulmonary Artery Systolic Pressure Among Echocardiographically Normal Subjects, 2797
- Development of a Noninvasive Ultrasound Color M-Mode Means of Estimating Pulmonary Vascular Resistance in Pediatric Pulmonary Hypertension: Mathematical Analysis, In Vitro Validation, and Preliminary Clinical Studies, 908
- Effect of Inhaled Iloprost Plus Oral Sildenafil in Patients With Primary Pulmonary Hypertension, 1218
- Exercise Pathophysiology in Patients With Primary Pulmonary Hypertension, 429
- Sildenafil Inhibits Hypoxia-Induced Pulmonary Hypertension, 424
- Hypertension, renal**
- Insulin Resistance, Hyperlipidemia, and Hypertension in Mice Lacking Endothelial Nitric Oxide Synthase, 342
- Hypertrophy**
- Alterations of Cardiac Structure in Patients With Isolated Office, Ambulatory, or Home Hypertension: Data From the General Population (Pressione Arteriose Monitorate E Loro Associazioni [PAMELA] Study), 1385
- Angiotensin II Type 2 Receptor Is Essential for Left Ventricular Hypertrophy and Cardiac Fibrosis in Chronic Angiotensin II-Induced Hypertension, 346
- Attenuated Myocardial Vasodilator Response in Patients With Hypertensive Hypertrophy Revealed by Oxygenation-Dependent Magnetic Resonance Imaging, 1214
- Calcineurin Inhibition in Hypertrophy: Back From the Dead! 9
- Calcineurin Plays a Critical Role in the Development of Pressure Overload-Induced Cardiac Hypertrophy, 97
- Cardiac Hypertrophy After Transplantation Is Associated With Persistent Expression of Tumor Necrosis Factor- α , 676
- Chronic Amiodarone Evokes No Torsade de Pointes Arrhythmias Despite QT Lengthening in an Animal Model of Acquired Long-QT Syndrome, 2722
- Differential Effects of Angiotensin II Versus Endothelin-1 Inhibitions in Hypertrophic Left Ventricular Myocardium During Transition to Heart Failure, 606
- Effects of Once-Daily Angiotensin-Converting Enzyme Inhibition and Calcium Channel Blockade-Based Antihypertensive Treatment Regimens on Left Ventricular Hypertrophy and Diastolic Filling in Hypertension: The Prospective Randomized Enalapril Study Evaluating Regression of Ventricular Enlargement (PRESERVE) Trial, 1248
- Electrical Remodeling in Pressure-Overload Cardiac Hypertrophy: Role of Calcineurin, 1657
- Endothelial Nitric Oxide Synthase Limits Left Ventricular Remodeling After Myocardial Infarction in Mice, 1286
- 17 β -Estradiol Attenuates the Development of Pressure-Overload Hypertrophy, 1419

- Heart Failure With a Normal Ejection Fraction: Is Measurement of Diastolic Function Necessary to Make the Diagnosis of Diastolic Heart Failure? 779
- Hypertensive End-Organ Damage and Premature Mortality Are p38 Mitogen-Activated Protein Kinase-Dependent in a Rat Model of Cardiac Hypertrophy and Dysfunction. 1292
- Hypertrophic Cardiomyopathy: Histopathological Features of Sudden Death in Cardiac Troponin T Disease. 1380
- Impaired Endothelial Regulation of Ventricular Relaxation in Cardiac Hypertrophy: Role of Reactive Oxygen Species and NADPH Oxidase. 2967
- Increased Adenosine Monophosphate-Activated Protein Kinase Activity in Rat Hearts With Pressure-Overload Hypertrophy. 1664
- Inhibition of Tumor Necrosis Factor- α Improves Postischemic Recovery of Hypertrophied Hearts. 1-350
- Left Ventricular Hypertrophy as an Independent Predictor of Acute Cerebrovascular Events in Essential Hypertension. 2039
- Left Ventricular Muscle Mass and Elevated Heart Rate Are Associated With Coronary Plaque Disruption. 1477
- Load Versus Humoral Activation in the Genesis of Early Hypertensive Heart Disease. 215
- New Concepts in Hypertrophic Cardiomyopathies. Part I. 2113
- New Concepts in Hypertrophic Cardiomyopathies. Part II. 2249
- Peroxisome Proliferator-Activated Receptor γ Activators Inhibit Cardiac Hypertrophy in Cardiac Myocytes. 1670
- Reduced Myocardial Sarcoplasmic Reticulum Ca^{2+} -ATPase mRNA Expression and Biphasic Force-Frequency Relations in Patients With Hypertrophic Cardiomyopathy. 658
- Reduction of Cardiovascular Risk by Regression of Electrocardiographic Markers of Left Ventricular Hypertrophy by the Angiotensin-Converting Enzyme Inhibitor Ramipril. 1615
- Regression of Left Ventricular Hypertrophy After Surgical Therapy for Aortic Stenosis Is Associated With Changes in Extracellular Matrix Gene Expression. 1-54
- Regression of Left Ventricular Hypertrophy and Improved Prognosis: Some HOPE Now... or Hype? 1582
- Simvastatin Induces Regression of Cardiac Hypertrophy and Fibrosis and Improves Cardiac Function in a Transgenic Rabbit Model of Human Hypertrophic Cardiomyopathy. 317
- Tissue Doppler Imaging Consistently Detects Myocardial Abnormalities in Patients With Hypertrophic Cardiomyopathy and Provides a Novel Means for an Early Diagnosis Before and Independently of Hypertrophy. 128
- Vascular Hypertrophy and Increased P70S6 Kinase in Mice Lacking the Angiotensin II AT_2 Receptor. 2602

Hypothermia

- Hypothermia After Cardiac Arrest: Feasibility and Safety of an External Cooling Protocol. 1799

Hypoxia

- Activation of Signal Transducer and Activator of Transcription 3 Protects Cardiomyocytes from Hypoxia/Reoxygenation-Induced Oxidative Stress Through the Upregulation of Manganese Superoxide Dismutase. 979
- Coordinated Adaptation of Oxygen Transport in Cardiopulmonary Disease. 963
- Dysregulation of Peripheral and Central Chemoreflex Responses in Chagas' Heart Disease Patients Without Heart Failure. 1792
- Impact of Inspired Gas Mixtures on Preoperative Infants With Hypoplastic Left Heart Syndrome During Controlled Ventilation. 1-159
- In Cardiomyocyte Hypoxia, Insulin-Like Growth Factor-I-Induced Antiapoptotic Signaling Requires Phosphatidylinositol-3-OH-Kinase-Dependent and Mitogen-Activated Protein Kinase-Dependent Activation of the Transcription Factor cAMP Response Element-Binding Protein. 2088
- Parasympathetic Neural Activity Accounts for the Lowering of Exercise Heart Rate at High Altitude. 1785
- Sildenafil Inhibits Hypoxia-Induced Pulmonary Hypertension. 424

I

Iloprost

- Effect of Inhaled Iloprost Plus Oral Sildenafil in Patients With Primary Pulmonary Hypertension. 1218

Images in Cardiovascular Medicine

- Absent Right Pulmonary Artery With Coronary Collaterals Supplying the Affected Lung. e12
- Acute Total Occlusion of the Right Coronary Artery by a Pellet. e40
- Aneurysm of the Abdominal Aorta. e10
- Anomalous Arteriovenous Connections Involving All Three Major Coronary Arteries. 2253
- Anomalous Origin of the Left Main Coronary Artery From the Main Pulmonary Artery in a Young Adult. 1575
- Clubbing due to Peripheral Hypervascularization: Recognition by Contrast-Enhanced, Three-Dimensional Magnetic Resonance Angiography. 2503
- Coil Embolization of a Periprosthetic Mitral Valve Leak Associated With Severe Hemolytic Anemia. e85
- Congenital Absence of the Pericardium. 1447
- Electrical Connections Between Pulmonary Veins in Humans: Evidence After Radiofrequency Ablation of the Venoatrial Junction. e30
- Endovascular Treatment of Carotid Artery Aneurysms With Covered Stents. 2995
- Fluoroscopic Diagnosis of Native Valve Endocarditis. e79
- Giant Left Atrium. e28
- High-Grade Atrioventricular Block Caused by His-Purkinje Injury During Contrast Left Ventriculography. e77
- High-Speed Rotational Atherectomy of Bilateral Ureter Stenosis. 2627
- Hyper eosinophilic Syndrome and Restrictive Cardiomyopathy Due to Apical Thrombi. e3
- Identification of Fetal Atrial Flutter by Doppler Tissue Imaging. 1206
- Iodine Mumps: Acute Sialadenitis After Contrast Administration for Angioplasty. 2384
- Ischemic Pain in Aortic Regurgitation. 1984
- Less Is More: 4:2:1 Block. e50
- Localized Consumptive Coagulopathy. 120
- Maffucci's Syndrome. 1693
- Magnetic Resonance Imaging After Percutaneous Closure of a Patent Foramen Ovale. e117
- Microvascular Obstruction After Nonsurgical Septal Reduction for the Treatment of Hypertrophic Cardiomyopathy. 1868
- Multislice Detector Computed Tomography Assessment of Intraseptal Dissection and Ventricular Pseudoaneurysm in Postinfarction Ventricular Septal Defect. 497
- Multislice Computed Tomography and Two-Dimensional Echocardiographic Images of Cor Triatriatum in a 46-Year-Old Man. 2117
- Multislice Spiral Computed Tomography of Subacute Myocardial Infarction. 1083
- Myocardial Ischemia on Thallium Scintigraphy in Hypertrophic Cardiomyopathy: Predictor of Sudden Cardiac Death. e71
- Noninvasive Postoperative Angiography for Internal Mammary Artery Grafts. 373
- Of Mice and Men... and Broken Hearts. e110
- Papillary Fibroelastoma of the Left Atrial Free Wall. e87
- "Petrified" Right Ventricle in Long-Standing Naxos Arrhythmogenic Right Ventricular Cardiomyopathy. e132
- Platypnea-Orthodeoxia due to Aortic Elongation. 741
- Popliteal Venous Aneurysm With Paradoxical Embolization in a Patient With Patent Foramen Ovale. e60
- Post Mortem Three-Dimensional Reconstruction of the Entire Coronary Arterial Circulation Using Electron-Beam Computed Tomography. 3168
- Prominent Role of Tensile Stress in Propagation of a Dissection After Coronary Stenting: Computational Fluid Dynamic Analysis on True 3D-Reconstructed Segment. e53
- Pulmonary and Systemic Arterial Pressure Changes During Syncope in Primary Pulmonary Hypertension. 1326
- Radiofrequency Ablation of a Posteroseptal Accessory Pathway Associated With Two Diverticula of the Coronary Sinus. 240
- Rapid Development of a Large Systemic-to-Pulmonary Vein Fistula After Bidirectional Glenn Shunt and Successful Closure With an Amplatzer Duct Occluder. e41
- Regression of a Donor Atheroma After Cardiac Transplantation Serial Observations With Intravascular Ultrasound. 2874
- Rotational Aortogram With Three-Dimensional Reconstruction in a Case of Repaired Aortic Coarctation. 620
- Syncope and Supraventricular Tachycardia. e102

- Three-Dimensional Images of Extra-Anatomic Arterial Bypass Graft Using Multidetector Row Spiral Computed Tomography Data With Volume Rendering, e154
- Transcatheter Therapeutic Embolization of Multiple Coronary Artery Fistulas, e19
- Unique ECG Finding in a Patient With an Axial Blood Flow Pump, 970
- Unusual Clinical Presentation of a Patient With an Extreme Form of Right Ventricular Dysplasia, 848
- Ventricular Tachycardia in Ebstein's Anomaly, e92
- Virtual Imaging for Teaching Cardiac Embryology, e134
- Visualization of Cardiac Myxoma Mobility With Real-Time Spiral Magnetic Resonance Imaging, e101
- Visualization of Tissue Prolapse Between Coronary Stent Struts by Optical Coherence Tomography: Comparison With Intravascular Ultrasound, 2754
- Imaging**
- Combined Assessment of Myocardial Perfusion and Regional Left Ventricular Function by Analysis of Contrast-Enhanced Power Modulation Images, 352
- Comparative Efficacy of γ -Irradiation for Treatment of In-Stent Restenosis in Saphenous Vein Graft Versus Native Coronary Artery In-Stent Restenosis: An Intravascular Ultrasound Study, 3020
- Conceptus Radiation Dose and Risk From Cardiac Catheter Ablation Procedures, 893
- Imaging Dispersion of Myocardial Repolarization, I-: Comparison of Body-Surface and Epicardial Measures, 1299
- Imaging Dispersion of Myocardial Repolarization, I-II: Noninvasive Reconstruction of Epicardial Measures, 1306
- Immunopathogenesis of Atherosclerosis: Endotoxin Accelerates Atherosclerosis in Rabbits on Hypercholesterolemic Diet, 914
- Long-Term Prognostic Value of Coronary Calcification Detected by Electron-Beam Computed Tomography in Patients Undergoing Coronary Angiography, 412
- Noninvasive Determination of Spatially Resolved and Time-Resolved Tissue Perfusion in Humans During Nitric Oxide Inhibition and Inhalation by Use of a Visible-Reflectance Hyperspectral Imaging Technique, 2905
- Pharmacological Stress Myocardial Perfusion Imaging With the Potent and Selective A_{2A} Adenosine Receptor Agonists ATL193 and ATL146e Administered by Either Intravenous Infusion or Bolus Injection, 1181
- Progression of Aortic Valve Calcification: Association With Coronary Atherosclerosis and Cardiovascular Risk Factors, 1927
- Quantification of Coronary Artery Lumen Volume by Digital Angiography: In Vivo Validation, 2351
- Immune system**
- Increased Prevalence of Autoimmune Phenomena and Greater Risk for Allereactivity in Female Heart Transplant Recipients, I-177
- Protection Against Autoimmune Myocarditis by Gene Transfer of Interleukin-10 by Electroporation, 1098
- Soluble CD40L and Cardiovascular Risk in Women, 2266
- Upregulation of CD40 and CD40 Ligand (CD154) in Patients With Moderate Hypercholesterolemia, 2395
- Immunohistochemistry**
- Inflammatory Cardiomyopathy (Myocarditis): Which Patients Should Be Treated With Anti-Inflammatory Therapy? 4
- Randomized, Placebo-Controlled Study for Immunosuppressive Treatment of Inflammatory Dilated Cardiomyopathy: Two-Year Follow-Up Results, 39
- Transplant Coronary Artery Disease: A Novel Model Independent of Cellular Alloimmune Response, 2615
- Upregulation of the Cardiac Monocarboxylate Transporter MCT1 in a Rat Model of Congestive Heart Failure, 729
- Immunology**
- Advances in the Understanding of Myocarditis, 1076
- Complement Activation in Patients With Congestive Heart Failure: Effect of High-Dose Intravenous Immunglobulin Treatment, 1494
- Does Histocompatibility Affect Homograft Valve Function After the Ross Procedure? 125
- Immunopathogenesis of Atherosclerosis: Endotoxin Accelerates Atherosclerosis in Rabbits on Hypercholesterolemic Diet, 914
- Increased Prevalence of Autoimmune Phenomena and Greater Risk for Allereactivity in Female Heart Transplant Recipients, I-177
- Interleukin-12 Receptor/STAT4 Signaling Is Required for the Development of Autoimmune Myocarditis in Mice by an Interferon- γ -Independent Pathway, 3145
- Transplant Coronary Artery Disease: A Novel Model Independent of Cellular Alloimmune Response, 2615
- In Memoriam**
- Carleton B. Chapman, MD, MPH, 1330
- Christiaan Neethling Barnard: 1922-2001, 2756
- Meyer Friedman, MD, 2758
- Trudy L. Bush, 1332
- Incidence**
- Trends in Acute Coronary Heart Disease Mortality, Morbidity, and Medical Care From 1985 Through 1997: The Minnesota Heart Survey, 19
- Infarction**
- All-Blood (Miniplegia) Versus Dilute Cardioplegia in Experimental Surgical Revascularization of Evolving Infarction, I-296
- Cardioprotective Effect Afforded by Transient Exposure to Phosphodiesterase III Inhibitors: The Role of Protein Kinase A and p38 Mitogen-Activated Protein Kinase, 705
- Early Reinfarction After Fibrinolysis: Experience From the Global Utilization of Streptokinase and Tissue Plasminogen Activator (Alteplase) for Occluded Coronary Arteries (GUSTO I) and Global Use of Strategies To Open Occluded Coronary Arteries (GUSTO III) Trials, 1229
- Fractional Flow Reserve in Patients With Prior Myocardial Infarction, 157
- Inhibition of Mannose-Binding Lectin Reduces Postischemic Myocardial Reperfusion Injury, 1413
- Initial Effects of the Left Ventricular Repair by Plication May Not Last Long in a Rat Ischemic Cardiomyopathy Model, I-241
- Noninvasive Prediction of Ultimate Infarct Size at the Time of Acute Coronary Occlusion Based on the Extent and Magnitude of Collateral-Derived Myocardial Blood Flow, 2471
- Infection**
- Activated Protein C Prevents Endotoxin-Induced Hypotension in Rats by Inhibiting Excessive Production of Nitric Oxide, 1171
- Activation of Cardiac Endothelium as a Compensatory Component in Endotoxin-Induced Cardiomyopathy: Role of Endothelin, Prostaglandins, and Nitric Oxide, 3137
- Impact of Viral and Bacterial Infectious Burden on Long-Term Prognosis in Patients With Coronary Artery Disease, 25
- Previous Cytomegalovirus Infection and Restenosis After Coronary Stent Placement, 1135
- Procalcitonin, A Donor-Specific Predictor of Early Graft Failure-Related Mortality After Heart Transplantation, I-192
- Staphylococcus aureus* Bacteremia in Patients With Permanent Pacemakers or Implantable Cardioverter-Defibrillators, 1029
- Inflammation**
- Abciximab Suppresses the Rise in Levels of Circulating Inflammatory Markers After Percutaneous Coronary Revascularization, 163
- C-Reactive Protein Elevation in Patients With Atrial Arrhythmias: Inflammatory Mechanisms and Persistence of Atrial Fibrillation, 2886
- C-Reactive Protein Is an Independent Predictor of the Rate of Increase in Early Carotid Atherosclerosis, 63
- C-Reactive Protein, Insulin Resistance, Central Obesity, and Coronary Heart Disease Risk in Indian Asians From the United Kingdom Compared With European Whites, 145
- C-Reactive Protein: Linking Inflammation to Cardiovascular Complications, 974
- Coexpression of Endothelin-Converting Enzyme-I and Endothelin-I in Different Stages of Human Atherosclerosis, 864
- Complement Activation in Patients With Congestive Heart Failure: Effect of High-Dose Intravenous Immunglobulin Treatment, 1494
- Current Concepts of the Pathogenesis of the Acute Coronary Syndromes, 365
- Double-Blind, Randomized Trial of an Anti-CD18 Antibody in Conjunction With Recombinant Tissue Plasminogen Activator for Acute Myocardial Infarction: Limitation of Myocardial Infarction Following Thrombolysis in Acute Myocardial Infarction (LIMIT AMI) Study, 2778

- Expression of Neutrophil Collagenase (Matrix Metalloproteinase-8) in Human Atheroma: A Novel Collagenolytic Pathway Suggested by Transcriptional Profiling, 1899
- Impact of Viral and Bacterial Infectious Burden on Long-Term Prognosis in Patients With Coronary Artery Disease, 25
- In Vivo Downregulation of T Helper Cell 1 Immune Responses Reduces Atherogenesis in Apolipoprotein E-Knockout Mice, 197
- Incremental Prognostic Value of Elevated Baseline C-Reactive Protein Among Established Markers of Risk in Percutaneous Coronary Intervention, 992
- Inflammatory Cardiomyopathy (Myocarditis): Which Patients Should Be Treated With Anti-Inflammatory Therapy? 4
- Inhibition of Mannose-Binding Lectin Reduces Postischemic Myocardial Reperfusion Injury, 1413
- Lipid Peroxidation and Platelet Activation in Murine Atherosclerosis, 1940
- Matrix Metalloproteinase Hypothesis of Plaque Rupture: Players Keep Piling Up But Questions Remain, 1878
- Overexpression of Functionally Coupled Cyclooxygenase-2 and Prostaglandin E Synthase in Symptomatic Atherosclerotic Plaques as a Basis of Prostaglandin E₂-Dependent Plaque Instability, 921
- Overexpression of Interleukin-1 Receptor Antagonist Provides Cardio-protection Against Ischemia-Reperfusion Injury Associated With Reduction in Apoptosis, I-308
- Perivascular Inflammation After Balloon Angioplasty of Porcine Coronary Arteries, 2228
- Plasma Leptin and the Risk of Cardiovascular Disease in the West of Scotland Coronary Prevention Study (WOSCOPS), 3052
- Protection From Reperfusion Injury After Cardiac Transplantation by Inhibition of Adenosine Metabolism and Nucleotide Precursor Supply, I-246
- Roles of Angiotensin II Type 2 Receptor Stimulation Associated With Selective Angiotensin II Type 1 Receptor Blockade With Valsartan in the Improvement of Inflammation-Induced Vascular Injury, 2716
- Toll-Like Receptor-4 Is Expressed by Macrophages in Murine and Human Lipid-Rich Atherosclerotic Plaques and Upregulated by Oxidized LDL, 3103
- Ultrasound Assessment of Inflammation and Renal Tissue Injury With Microbubbles Targeted to P-Selectin, 2107
- Unstable Angina and Elevated C-Reactive Protein Levels Predict Enhanced Vasoreactivity of the Culprit Lesion, 1471
- Upregulation of CD40 and CD40 Ligand (CD154) in Patients With Moderate Hypercholesterolemia, 2395
- Vitamin C Inhibits Endothelial Cell Apoptosis in Congestive Heart Failure, 2182
- Inhibitors**
- Abciximab Readministration: Results of the ReoPro Readministration Registry, 870
- Application of Cl-Esterase Inhibitor During Reperfusion of Ischemic Myocardium: Dose-Related Beneficial Versus Detrimental Effects, 3125
- Calcineurin Inhibition in Hypertrophy: Back From the Dead! 9
- Dissociation of Glycoprotein IIb/IIIa Antagonists From Platelets Does Not Result in Fibrinogen Binding or Platelet Aggregation, 1374
- Importance of TIMI 3 Flow, 624
- In Vivo Downregulation of T Helper Cell 1 Immune Responses Reduces Atherogenesis in Apolipoprotein E-Knockout Mice, 197
- Role for Sulfatides in Platelet Aggregation, 2955
- Upregulation of Bcl-2 Through Caspase-3 Inhibition Ameliorates Ischemia/Reperfusion Injury in Rat Cardiac Allografts, I-202
- Use of Human Immunodeficiency Virus-1 Protease Inhibitors Is Associated With Atherogenic Lipoprotein Changes and Endothelial Dysfunction, 257
- Inotropic agents**
- Augmentation of Cardiac Contractility Mediated by the Human β_2 -Adrenergic Receptor Overexpressed in the Hearts of Transgenic Mice, 2485
- Relation Between Gd-DTPA Contrast Enhancement and Regional Inotropic Response in the Periphery and Center of Myocardial Infarction, 998
- Inotropism**
- Heart Rate-Independent Vagal Effect on End-Systolic Elastance of the Canine Left Ventricle Under Various Levels of Sympathetic Tone, 2277
- Insulin**
- Coincident Linkage of Fasting Plasma Insulin and Blood Pressure to Chromosome 7q in Hypertensive Hispanic Families, 1255
- Insulin Resistance, Hyperlipidemia, and Hypertension in Mice Lacking Endothelial Nitric Oxide Synthase, 342
- Neointimal Hyperplasia After Arterial Injury Is Increased in a Rat Model of Non-Insulin-Dependent Diabetes Mellitus, 815
- Insulin resistance**
- Plasma Leptin and the Risk of Cardiovascular Disease in the West of Scotland Coronary Prevention Study (WOSCOPS), 3052
- Insurance**
- Bush Administration and the Democratic Senate Wrestle With Health Care, 244
- Intelligence quotient**
- Neurodevelopmental Outcomes in Children After the Fontan Operation, I-127
- Intercalated disks**
- Biochemical and Structural Evidence for Pig Myocardium Adherens Junction Disruption by Cardiopulmonary Bypass, I-319
- Interleukins**
- Aprotinin But Not ϵ -Aminocaproic Acid Decreases Interleukin-10 After Cardiac Surgery With Extracorporeal Circulation: Randomized, Double-Blind, Placebo-Controlled Study in Patients Receiving Aprotinin and ϵ -Aminocaproic Acid, I-265
- Expression of Interleukin-18 in Human Atherosclerotic Plaques and Relation to Plaque Instability, 1598
- In Vivo Downregulation of T Helper Cell 1 Immune Responses Reduces Atherogenesis in Apolipoprotein E-Knockout Mice, 197
- Interleukin-12 Receptor/STAT4 Signaling Is Required for the Development of Autoimmune Myocarditis in Mice by an Interferon- γ -Independent Pathway, 3145
- Overexpression of Interleukin-1 Receptor Antagonist Provides Cardio-protection Against Ischemia-Reperfusion Injury Associated With Reduction in Apoptosis, I-308
- Protection Against Autoimmune Myocarditis by Gene Transfer of Interleukin-10 by Electroporation, 1098
- Quantitative Myocardial Cytokine Expression and Activation of the Apoptotic Pathway in Patients Who Require Left Ventricular Assist Devices, I-233
- Serum Levels of the Antiinflammatory Cytokine Interleukin-10 Are Decreased in Patients With Unstable Angina, 746
- Transplant Coronary Artery Disease: A Novel Model Independent of Cellular Alloimmune Response, 2615
- Ion channels**
- Activation of Barium-Sensitive Inward Rectifier Potassium Channels Mediates Remote Dilation of Coronary Arterioles, 1749
- Activation of Heat-Shock Factor by Stretch-Activated Channels in Rat Hearts, 209
- β -Adrenergic Receptor Blockers Restore Cardiac Calcium Release Channel (Ryanodine Receptor) Structure and Function in Heart Failure, 2843
- c-Jun Decreases Voltage-Gated K⁺ Channel Activity in Pulmonary Artery Smooth Muscle Cells, 1557
- Cardiac Sodium Channel Gene Mutations and Sudden Infant Death Syndrome: Confirmation of Proof of Concept? 1092
- Density and Kinetics of I_{K1} and I_{Ks} in Guinea Pig and Rabbit Ventricular Myocytes Explain Different Efficacy of I_{Ks} Blockade at High Heart Rate in Guinea Pig and Rabbit: Implications for Arrhythmogenesis in Humans, 951
- Downregulation of Protein Kinase C Inhibits Activation of Mitochondrial K_{ATP} Channels by Diazoxide, 85
- Effects of Rapid Atrial Pacing on the Arrhythmogenic Activity of Single Cardiomyocytes From Pulmonary Veins: Implication in Initiation of Atrial Fibrillation, 2849
- Gating-Dependent Mechanisms for Flecainide Action in SCN5A-Linked Arrhythmia Syndromes, 1200
- Heterogeneous Expression of Gap Junction Channels in the Heart Leads to Conduction Defects and Ventricular Dysfunction, 1194
- Ionic Mechanism of Delayed Afterdepolarizations in Ventricular Cells Isolated From Human End-Stage Failing Hearts, 2728
- Ionic Remodeling of Cardiac Purkinje Cells by Congestive Heart Failure, 2095
- Ischemic Preconditioning Attenuates Cardiac Sympathetic Nerve Injury via ATP-Sensitive Potassium Channels During Myocardial Ischemia, 1053

- Long-QT Syndrome-Associated Missense Mutations in the Pore Helix of the HERG Potassium Channel, 1071
- Molecular Basis of Downregulation of G-Protein-Coupled Inward Rectifying K⁺ Current ($I_{K_{ACH}}$) in Chronic Human Atrial Fibrillation: Decrease in GIRK4 mRNA Correlates With Reduced $I_{K_{ACH}}$ and Muscarinic Receptor-Mediated Shortening of Action Potentials, 2551
- Iron**
- Adenovirus-Mediated Heme Oxygenase-1 Gene Transfer Inhibits the Development of Atherosclerosis in Apolipoprotein E-Deficient Mice, 1519
- Ischemia**
- Abnormal Epicardial Coronary Resistance in Patients With Diffuse Atherosclerosis but "Normal" Coronary Angiography, 2401
- Akt Activation Preserves Cardiac Function and Prevents Injury After Transient Cardiac Ischemia *In Vivo*, 330
- Antithrombin III Prevents Early Pulmonary Dysfunction After Lung Transplantation in the Dog, 2975
- Apoptosis of Endothelial Cells Precedes Myocyte Cell Apoptosis in Ischemia/Reperfusion Injury, 253
- Application of C1-Esterase Inhibitor During Reperfusion of Ischemic Myocardium: Dose-Related Beneficial Versus Detrimental Effects, 3125
- Attenuation of Rebound Ischemia After Discontinuation of Heparin Therapy by Glycoprotein IIb/IIIa Inhibition With Eptifibatide in Patients With Acute Coronary Syndromes: Observations From the Platelet IIb/IIIa in Unstable Angina: Receptor Suppression Using Integrilin Therapy (PURSUIT) Trial, 2772
- Combined Assessment of Myocardial Perfusion and Regional Left Ventricular Function by Analysis of Contrast-Enhanced Power Modulation Images, 352
- Comparison of Various Electrophoretic Characteristics of LDL Particles and Their Relationship to the Risk of Ischemic Heart Disease, 2295
- Consequences of Brief Ischemia: Stunning, Preconditioning, and Their Clinical Implications: Part 1, 2981
- Consequences of Brief Ischemia: Stunning, Preconditioning, and Their Clinical Implications: Part 2, 3158
- Cyclooxygenase-1 and -2 Knockout Mice Demonstrate Increased Cardiac Ischemia/Reperfusion Injury but Are Protected by Acute Preconditioning, 2453
- Downregulation of Protein Kinase C Inhibits Activation of Mitochondrial K_{ATP} Channels by Diazoxide, 85
- Effects of Calcium, Inorganic Phosphate, and pH on Isometric Force in Single Skinned Cardiomyocytes From Donor and Failing Human Hearts, 1140
- Effects of Hematocrit on Cerebral Microcirculation and Tissue Oxygenation During Deep Hypothermic Bypass, 1-260
- Evidence of Functional Myocardial Ischemia Associated With Myocardial Dysfunction in Brain-Dead Pigs, 1-197
- Exercise Training Attenuates Age-Associated Diastolic Dysfunction in Rats, 221
- Fractional Flow Reserve in Patients With Prior Myocardial Infarction, 157
- Gender Influences [Ca²⁺]_i During Metabolic Inhibition in Myocytes Overexpressing the Na⁺-Ca²⁺ Exchanger, 2101
- Heat Shock Protein 70 Gene Transfection Protects Mitochondrial and Ventricular Function Against Ischemia-Reperfusion Injury, 1-303
- Implantation of Bone Marrow Mononuclear Cells Into Ischemic Myocardium Enhances Collateral Perfusion and Regional Function via Side Supply of Angioblasts, Angiogenic Ligands, and Cytokines, 1046
- In Vivo* Myocardial Protection From Ischemia/Reperfusion Injury by the Peroxisome Proliferator-Activated Receptor- γ Agonist Rosiglitazone, 2588
- Inhibition of Mannose-Binding Lectin Reduces Postischemic Myocardial Reperfusion Injury, 1413
- Inhibition of Tumor Necrosis Factor- α Improves Postischemic Recovery of Hypertrophied Hearts, 1-350
- Initial Effects of the Left Ventricular Repair by Plication May Not Last Long in a Rat Ischemic Cardiomyopathy Model, 1-241
- Ischemic Preconditioning Attenuates Cardiac Sympathetic Nerve Injury via ATP-Sensitive Potassium Channels During Myocardial Ischemia, 1053
- JAK/STAT Signaling Is Associated With Cardiac Dysfunction During Ischemia and Reperfusion, 325
- Nitroglycerin Induces Late Preconditioning Against Myocardial Infarction in Conscious Rabbits Despite Development of Nitrate Tolerance, 694
- Recombinant Vascular Endothelial Growth Factor Secreted From Tissue-Engineered Bioartificial Muscles Promotes Localized Angiogenesis, 594
- Roles of Prostaglandin I₂ and Thromboxane A₂ in Cardiac Ischemia-Reperfusion Injury: A Study Using Mice Lacking Their Respective Receptors, 2210
- Scaffold-Based Three-Dimensional Human Fibroblast Culture Provides a Structural Matrix That Supports Angiogenesis in Infarcted Heart Tissue, 2063
- Single Oral Dose of Geranylgeranylacetone Induces Heat-Shock Protein 72 and Renders Protection Against Ischemia/Reperfusion Injury in Rat Heart, 1837
- Spatial Heterogeneity of Calcium Transient Alternans During the Early Phase of Myocardial Ischemia in the Blood-Perfused Rabbit Heart, 2082
- Successful Ventricular Defibrillation by the Selective Sodium-Hydrogen Exchanger Isoform-1 Inhibitor Cariporide, 234
- Upregulation of Bcl-2 Through Caspase-3 Inhibition Ameliorates Ischemia/Reperfusion Injury in Rat Cardiac Allografts, 1-202
- Ventricular Dysfunction After Cardioplegic Arrest Is Improved After Myocardial Gene Transfer of a β -Adrenergic Receptor Kinase Inhibitor, 2069
- Isoprostanes**
- Oxidative Stress and Platelet Activation in Homozygous Homocystinuria, 1124
- Isoproterenol**
- Isoproterenol Activates Extracellular Signal-Regulated Protein Kinases in Cardiomyocytes Through Calcineurin, 102
- J**
- Junctions**
- Heterogeneity of Myocardial Sleeve Morphology and Gap Junctions in Canine Superior Vena Cava, 3152
- K**
- Kidney**
- Angiotensin II Type 1 Receptor Blockade Prevents Lethal Malignant Hypertension: Relation to Kidney Inflammation, 1436
- Aprotinin, Blood Loss, and Renal Dysfunction in Deep Hypothermic Circulatory Arrest, 1-276
- Improvement in Hypertension in Patients With Diabetes Mellitus After Kidney/Pancreas Transplantation, 563
- Renal Considerations in Angiotensin Converting Enzyme Inhibitor Therapy: A Statement for Healthcare Professionals From the Council on the Kidney in Cardiovascular Disease and the Council for High Blood Pressure Research of the American Heart Association, 1985
- Kinases**
- Cardioprotective Effect Afforded by Transient Exposure to Phosphodiesterase III Inhibitors: The Role of Protein Kinase A and p38 Mitogen-Activated Protein Kinase, 705
- Isoproterenol Activates Extracellular Signal-Regulated Protein Kinases in Cardiomyocytes Through Calcineurin, 102
- Protection Against Oxidized Low-Density Lipoprotein-Induced Vascular Endothelial Cell Death by Integrin-Linked Kinase, 2762
- Kinins**
- Cardioprotective Effects of Ramipril and Losartan in Right Ventricular Pressure Overload in the Rabbit: Importance of Kinins and Influence on Angiotensin II Type 1 Receptor Signaling Pathway, 939
- L**
- Lactate**
- Upregulation of the Cardiac Monocarboxylate Transporter MCT1 in a Rat Model of Congestive Heart Failure, 729

Lasers

- Effect of Short Pulsed Nonablative Infrared Laser Irradiation on Vascular Cells In Vitro and Neointimal Hyperplasia in a Rabbit Balloon Injury Model, 1850
- Sustained Angina Relief 5 Years After Transmyocardial Laser Revascularization With a CO₂ Laser, 1-81

Leptin

- Independent Association Between Plasma Leptin Levels and Heart Rate in Heart Transplant Recipients, 384

Lesion

- Catheter Ablation in Patients With Multiple and Unstable Ventricular Tachycardias After Myocardial Infarction: Short Ablation Lines Guided by Reentry Circuit Isthmuses and Sinus Rhythm Mapping, 664
- High-Density Lipoprotein and the Dynamics of Atherosclerotic Lesions, 2386

Leukocytes

- Angiotensin II Type 1 Receptor Blockade Prevents Lethal Malignant Hypertension: Relation to Kidney Inflammation, 1436
- Circulating Monocyte-Platelet Aggregates Are a More Sensitive Marker of In Vivo Platelet Activation Than Platelet Surface P-Selectin: Studies in Baboons, Human Coronary Intervention, and Human Acute Myocardial Infarction, 1533
- Complement Activation in Patients With Congestive Heart Failure: Effect of High-Dose Intravenous Immunoglobulin Treatment, 1494
- Protection From Reperfusion Injury After Cardiac Transplantation by Inhibition of Adenosine Metabolism and Nucleotide Precursor Supply, 1-246
- Regulation of Endothelial Nitric Oxide Synthase Expression in the Vascular Wall and in Mononuclear Cells From Hypercholesterolemic Rabbits, 1822

Lipids

- Cholesterol in Vascular and Valvular Calcification, 1881
- Comparison of Various Electrophoretic Characteristics of LDL Particles and Their Relationship to the Risk of Ischemic Heart Disease, 2295
- Decrease in Coronary Blood Flow Reserve During Hyperlipidemia Is Secondary to an Increase in Blood Viscosity, 2704
- Effect of an Aggressive Lipid-Lowering Strategy on Progression of Atherosclerosis in the Left Main Coronary Artery From Patients in the Post Coronary Artery Bypass Graft Trial, 2660
- Effects of Lipid-Lowering by Simvastatin on Human Atherosclerotic Lesions: A Longitudinal Study by High-Resolution, Noninvasive Magnetic Resonance Imaging, 249
- In Vivo Accuracy of Multispectral Magnetic Resonance Imaging for Identifying Lipid-Rich Necrotic Cores and Intraplaque Hemorrhage in Advanced Human Carotid Plaques, 2051
- Influence of Low High-Density Lipoprotein Cholesterol and Elevated Triglyceride on Coronary Heart Disease Events and Response to Simvastatin Therapy in 4S, 3046
- Oxidative Stress and Platelet Activation in Homozygous Homocystinuria, 1124
- Prevention and Treatment of Coronary Heart Disease: Who Benefits? 1688
- Progression of Aortic Valve Calcification: Association With Coronary Atherosclerosis and Cardiovascular Risk Factors, 1927
- Use of Intravascular Ultrasound to Compare Effects of Different Strategies of Lipid-Lowering Therapy on Plaque Volume and Composition in Patients With Coronary Artery Disease, 387

Lipoproteins

- 12/15-Lipoxygenase Gene Disruption Attenuates Atherogenesis in LDL Receptor-Deficient Mice, 1646
- Activation of Lectin-Like Oxidized Low-Density Lipoprotein Receptor-1 Induces Apoptosis in Cultured Neonatal Rat Cardiac Myocytes, 2948
- Blood Lipids and First-Ever Ischemic Stroke/Transient Ischemic Attack in the Bezafibrate Infarction Prevention (BIP) Registry: High Triglycerides Constitute an Independent Risk Factor, 2892
- Comparison of Various Electrophoretic Characteristics of LDL Particles and Their Relationship to the Risk of Ischemic Heart Disease, 2295
- Coronary Heart Disease Prediction From Lipoprotein Cholesterol Levels, Triglycerides, Lipoprotein(a), Apolipoproteins A-I and B,

and HDL Density Subfractions: The Atherosclerosis Risk in Communities (ARIC) Study, 1108

- Effect of Medroxyprogesterone Acetate on Endothelium-Dependent Vasodilation in Postmenopausal Women Receiving Estrogen, 1773
- Elevating High-Density Lipoprotein Cholesterol in Apolipoprotein E-Deficient Mice Remodels Advanced Atherosclerotic Lesions by Decreasing Macrophage and Increasing Smooth Muscle Cell Content, 2447
- Exploiting the Vascular Protective Effects of High-Density Lipoprotein and Its Apolipoproteins: An Idea Whose Time for Testing Is Coming, Part I, 2376
- Exploiting the Vascular Protective Effects of High-Density Lipoprotein and its Apolipoproteins: An Idea Whose Time for Testing Is Coming, Part II, 2498
- High-Density Lipoprotein and the Dynamics of Atherosclerotic Lesions, 2386
- High-Density Lipoproteins and Endothelial Function, 1978
- Human Evidence That the Apolipoprotein A-II Gene Is Implicated in Visceral Fat Accumulation and Metabolism of Triglyceride-Rich Lipoproteins, 1223
- Induction of NAD(P)H Oxidase by Oxidized Low-Density Lipoprotein in Human Endothelial Cells: Antioxidative Potential of Hydroxymethylglutaryl Coenzyme A Reductase Inhibitor Therapy, 1767
- Isoform-Specific Effects of Apolipoprotein E on Atherogenesis: Gene Transduction Studies in Mice, 2820
- Low Hepatic Lipase Activity Is a Novel Risk Factor for Coronary Artery Disease, 3057
- Mildly Oxidized LDL Induces Activation of Platelet-Derived Growth Factor β -Receptor Pathway, 1814
- Oxidized Low-Density Lipoprotein Downregulates Endothelial Basic Fibroblast Growth Factor Through a Pertussis Toxin-Sensitive G-Protein Pathway: Mediator Role of Platelet-Activating Factor-Like Phospholipids, 588
- Protection Against Oxidized Low-Density Lipoprotein-Induced Vascular Endothelial Cell Death by Integrin-Linked Kinase, 2762
- Synergistic Effect of Urotensin II With Mildly Oxidized LDL on DNA Synthesis in Vascular Smooth Muscle Cells, 16
- Toll-Like Receptor-4 Is Expressed by Macrophages in Murine and Human Lipid-Rich Atherosclerotic Plaques and Upregulated by Oxidized LDL, 3103
- Use of Human Immunodeficiency Virus-1 Protease Inhibitors Is Associated With Atherogenic Lipoprotein Changes and Endothelial Dysfunction, 257

Lipoxygenase

- 12/15-Lipoxygenase Gene Disruption Attenuates Atherogenesis in LDL Receptor-Deficient Mice, 1646

Long-QT syndrome

- Cardiac Sodium Channel Gene Mutations and Sudden Infant Death Syndrome: Confirmation of Proof of Concept? 1092
- Clinical Implications for Affected Parents and Siblings of Proband With Long-QT Syndrome, 557
- De Novo Mutation in the *SCN5A* Gene Associated With Early Onset of Sudden Infant Death, 1158
- Gating-Dependent Mechanisms for Flecainide Action in *SCN5A*-Linked Arrhythmia Syndromes, 1200
- Learning From Mistakes: The Case of Clinical Electrophysiology: A Perspective on Evidence-Based Rhythmology, 845
- Long-QT Syndrome-Associated Missense Mutations in the Pore Helix of the HERG Potassium Channel, 1071

Losartan

- Cardioprotective Effects of Ramipril and Losartan in Right Ventricular Pressure Overload in the Rabbit: Importance of Kinins and Influence on Angiotensin II Type 1 Receptor Signaling Pathway, 939

Lung

- Antithrombin III Prevents Early Pulmonary Dysfunction After Lung Transplantation in the Dog, 2975
- c-Jun Decreases Voltage-Gated K⁺ Channel Activity in Pulmonary Artery Smooth Muscle Cells, 1557
- Coordinated Adaptation of Oxygen Transport in Cardiopulmonary Disease, 963

- Effects of Rapid Atrial Pacing on the Arrhythmogenic Activity of Single Cardiomyocytes From Pulmonary Veins: Implication in Initiation of Atrial Fibrillation, 2849
- Respiratory Modulation of Muscle Sympathetic Nerve Activity in Patients With Chronic Heart Failure, 418
- Lymphocytes**
- In Vivo Downregulation of T Helper Cell 1 Immune Responses Reduces Atherogenesis in Apolipoprotein E-Knockout Mice, 197
- Lysophosphatidylcholines**
- Phospholipid Metabolite 1-Palmitoyl-Lysophosphatidylcholine Enhances Human *Ether-a-Go-Go*-Related Gene (HERG) K⁺ Channel Function, 2645
- M**
- Macrophages**
- Detection of Monocyte Chemoattractant Protein-1 Receptor Expression in Experimental Atherosclerotic Lesions: An Autoradiographic Study, 203
- Magnetic resonance imaging**
- Attenuated Myocardial Vasodilator Response in Patients With Hypertensive Hypertrophy Revealed by Oxygenation-Dependent Magnetic Resonance Imaging, 1214
- Chronic Phosphocreatine Depletion by the Creatine Analogue β -Guanidinopropionate Is Associated With Increased Mortality and Loss of ATP in Rats After Myocardial Infarction, 1844
- Effects of Lipid-Lowering by Simvastatin on Human Atherosclerotic Lesions: A Longitudinal Study by High-Resolution, Noninvasive Magnetic Resonance Imaging, 249
- Imaging Time After Gd-DTPA Injection Is Critical in Using Delayed Enhancement to Determine Infarct Size Accurately With Magnetic Resonance Imaging, 2838
- In Vivo Accuracy of Multispectral Magnetic Resonance Imaging for Identifying Lipid-Rich Necrotic Cores and Intraplaque Hemorrhage in Advanced Human Carotid Plaques, 2051
- Incidence, Location, Pathology, and Significance of Pulmonary Homograft Stenosis After the Ross Operation, 1-16
- Limits of Detection of Regional Differences in Vasodilated Flow in Viable Myocardium by First-Pass Magnetic Resonance Perfusion Imaging, 2412
- Macrophage Accumulation Associated With Rat Cardiac Allograft Rejection Detected by Magnetic Resonance Imaging With Ultrasmall Superparamagnetic Iron Oxide Particles, 934
- Magnetic Resonance Imaging Permits In Vivo Monitoring of Catheter-Based Vascular Gene Delivery, 1588
- Novel MRI Contrast Agent for Molecular Imaging of Fibrin: Implications for Detecting Vulnerable Plaques, 1280
- Relation Between Gd-DTPA Contrast Enhancement and Regional Inotropic Response in the Periphery and Center of Myocardial Infarction, 998
- Sequential Magnetic Resonance Monitoring of Pulmonary Flow With Endovascular Stents Placed Across the Pulmonary Valve in Growing Swine, 2363
- Transmural Extent of Acute Myocardial Infarction Predicts Long-Term Improvement in Contractile Function, 1101
- Vascular Hypertrophy and Increased P70S6 Kinase in Mice Lacking the Angiotensin II AT₂ Receptor, 2602
- Mapping**
- Activation Delay After Premature Stimulation in Chronically Diseased Human Myocardium Relates to the Architecture of Interstitial Fibrosis, 3069
- Atrial Electroanatomic Remodeling After Circumferential Radiofrequency Pulmonary Vein Ablation: Efficacy of an Anatomic Approach in a Large Cohort of Patients With Atrial Fibrillation, 2539
- Batrial Activation in Isthmus-Dependent Atrial Flutter, 2545
- Catheter Ablation in Patients With Multiple and Unstable Ventricular Tachycardias After Myocardial Infarction: Short Ablation Lines Guided by Reentry Circuit Isthmuses and Sinus Rhythm Mapping, 664
- Demonstration of the Exact Anatomic Tachycardia Circuit in the Fast-Slow Form of Atrioventricular Nodal Reentrant Tachycardia, 1268
- Mechanism of Ventricular Defibrillation for Near-Defibrillation Threshold Shocks: A Whole-Heart Optical Mapping Study in Swine, 1313
- Online Myocardial Viability Assessment in the Catheterization Laboratory via NOGA Electroanatomic Mapping: Quantitative Comparison With Thallium-201 Uptake, 1005
- Optical Mapping of Ventricular Defibrillation in Isolated Swine Right Ventricles: Demonstration of a Postshock Isoelectric Window After Near-Threshold Defibrillation Shocks, 227
- Reversing the Direction of Paced Ventricular and Atrial Wavefronts Reveals an Oblique Course in Accessory AV Pathways and Improves Localization for Catheter Ablation, 550
- Simultaneous Noncontact Mapping of Left Atrium in Patients With Paroxysmal Atrial Fibrillation, 297
- MCT1**
- Upregulation of the Cardiac Monocarboxylate Transporter MCT1 in a Rat Model of Congestive Heart Failure, 729
- Mechanics**
- Comparison of Right and Left Ventricular Responses to Left Ventricular Assist Device Support in Patients With Severe Heart Failure: A Primary Role of Mechanical Unloading Underlying Reverse Remodeling, 670
- Normalized Diastolic Properties After Left Ventricular Assist Result From Reverse Remodeling of Chamber Geometry, 1-229
- Transmural Distribution of Three-Dimensional Systolic Strains in Stunned Myocardium, 336
- Medicaid**
- Bush Administration and the Democratic Senate Wrestle With Health Care, 244
- Medicare**
- Bush Administration and the Democratic Senate Wrestle With Health Care, 244
- Metabolism**
- Human Evidence That the Apolipoprotein A-II Gene Is Implicated in Visceral Fat Accumulation and Metabolism of Triglyceride-Rich Lipoproteins, 1223
- Metabolic Gene Expression in Fetal and Failing Human Heart, 2923
- Mitochondrial Abnormalities in Tumor Necrosis Factor- α -Induced Heart Failure Are Associated With Impaired DNA Repair Activity, 2492
- Metalloproteinases**
- Activated Interstitial Myofibroblasts Express Catabolic Enzymes and Mediate Matrix Remodeling in Myxomatous Heart Valves, 2525
- Circulating Matrix Metalloproteinases and Their Inhibitors in Patients With Kawasaki Disease, 860
- Current Concepts of the Pathogenesis of the Acute Coronary Syndromes, 365
- Downregulation of Matrix Metalloproteinases and Reduction in Collagen Damage in the Failing Human Heart After Support With Left Ventricular Assist Devices, 1147
- Expression of Neutrophil Collagenase (Matrix Metalloproteinase-8) in Human Atheroma: A Novel Collagenolytic Pathway Suggested by Transcriptional Profiling, 1899
- Matrix Metalloproteinase Hypothesis of Plaque Rupture: Players Keep Piling Up But Questions Remain, 1878
- Overexpression of Functionally Coupled Cyclooxygenase-2 and Prostaglandin E Synthase in Symptomatic Atherosclerotic Plaques as a Basis of Prostaglandin E₂-Dependent Plaque Instability, 921
- Plasma Levels of Metalloproteinases-3 and -9 as Markers of Successful Abdominal Aortic Aneurysm Exclusion After Endovascular Graft Treatment, 1-288
- Shear-Stress and Wall-Stress Regulation of Vascular Remodeling After Balloon Angioplasty: Effect of Matrix Metalloproteinase Inhibition, 91
- Ubiquitous Elevation of Matrix Metalloproteinase-2 Expression in the Vasculature of Patients With Abdominal Aneurysms, 304
- Mice**
- AT₂, Judgment Day: Which Angiotensin Receptor Is the Culprit in Cardiac Hypertrophy? 247
- Bush Administration and the Democratic Senate Wrestle With Health Care, 244
- Infusion of Light Chains From Patients With Cardiac Amyloidosis Causes Diastolic Dysfunction in Isolated Mouse Hearts, 1594

Microcirculation

- Activation of Barium-Sensitive Inward Rectifier Potassium Channels Mediates Remote Dilation of Coronary Arterioles, 1749
- Admission Troponin T Level Predicts Clinical Outcomes, TIMI Flow, and Myocardial Tissue Perfusion After Primary Percutaneous Intervention for Acute ST-Segment Elevation Myocardial Infarction, 630
- Coronary Thermodilution to Assess Flow Reserve: Experimental Validation, 2003
- Decrease in Coronary Blood Flow Reserve During Hyperlipidemia Is Secondary to an Increase in Blood Viscosity, 2704
- Effects of Hematocrit on Cerebral Microcirculation and Tissue Oxygenation During Deep Hypothermic Bypass, 1-260
- Endothelium-Mediated Relaxation of Porcine Collateral-Dependent Arterioles Is Improved by Exercise Training, 1393
- Expression of Endomyocardial Nitric Oxide Synthase and Coronary Endothelial Function in Human Cardiac Allografts, 1-336
- Microcirculation in Hypertension: A New Target for Treatment? 735
- Microvascular Dysfunction in Chronic Total Coronary Occlusions, 1129

Mitochondria

- 8-Oxo-dGTPase, Which Prevents Oxidative Stress-Induced DNA Damage, Increases in the Mitochondria From Failing Hearts, 2883
- Heat Shock Protein 70 Gene Transfection Protects Mitochondrial and Ventricular Function Against Ischemia-Reperfusion Injury, 1-303

Mitral valve

- Activated Interstitial Myofibroblasts Express Catabolic Enzymes and Mediate Matrix Remodeling in Myxomatous Heart Valves, 2525
- Annulus Paradoxus: Transmitral Flow Velocity to Mitral Annular Velocity Ratio Is Inversely Proportional to Pulmonary Capillary Wedge Pressure in Patients With Constrictive Pericarditis, 976
- Anterior Chordal Transection Impairs Not Only Regional Left Ventricular Function But Also Regional Right Ventricular Function in Mitral Regurgitation, 1-41
- Chordal Cutting: A New Therapeutic Approach for Ischemic Mitral Regurgitation, 1958
- Does Coronary Artery Bypass Grafting Alone Correct Moderate Ischemic Mitral Regurgitation? 168
- Edge-to-Edge Mitral Repair: Tension on the Approximating Suture and Leaflet Deformation During Acute Ischemic Mitral Regurgitation in the Ovine Heart, 1-29
- Influence of Atrial Fibrillation on Outcome Following Mitral Valve Repair, 1-59
- Long-Term (29 Years) Results of Reconstructive Surgery in Rheumatic Mitral Valve Insufficiency, 1-12
- Long-Term Survival After Mitral Valve Replacement in Children Aged <5 Years: A Multi-Institutional Study, 1-143
- Paradoxical Decrease in Ischemic Mitral Regurgitation With Papillary Muscle Dysfunction: Insights From Three-Dimensional and Contrast Echocardiography With Strain Rate Measurement, 1952
- Pathogenesis of Mitral Regurgitation in Tachycardia-Induced Cardiomyopathy, 1-47
- Very Long-Term Results (More Than 20 Years) of Valve Repair With Carpentier's Techniques in Nonrheumatic Mitral Valve Insufficiency, 1-8
- Very Long-Term Survival and Durability of Mitral Valve Repair for Mitral Valve Prolapse, 1-1

Molecular biology

- Angiotensin II Induces Circadian Gene Expression of Clock Genes in Cultured Vascular Smooth Muscle Cells, 1746
- Functional Genomics and Cardiovascular Drug Discovery, 1441
- Mitochondrial Abnormalities in Tumor Necrosis Factor- α -Induced Heart Failure Are Associated With Impaired DNA Repair Activity, 2492
- New Approaches to Antiarrhythmic Therapy, Part I: Emerging Therapeutic Applications of the Cell Biology of Cardiac Arrhythmias, 2865
- New Approaches to Antiarrhythmic Therapy, Part II: Emerging Therapeutic Applications of the Cell Biology of Cardiac Arrhythmias, 2990
- Novel Cardiac Troponin T Mutation as a Cause of Familial Dilated Cardiomyopathy, 2188

Monocyte chemoattractant proteins

- Detection of Monocyte Chemoattractant Protein-1 Receptor Expression in Experimental Atherosclerotic Lesions: An Autoradiographic Study, 203

Morbidity

- Modified Ultrafiltration Reduces Morbidity After Adult Cardiac Operations: A Prospective, Randomized Clinical Trial, 1-253
- Waiting for Cardiac Surgery: Results of a Risk-Stratified Queuing Process, 1-92

Mortality

- Attenuation of Rebound Ischemia After Discontinuation of Heparin Therapy by Glycoprotein IIb/IIIa Inhibition With Eptifibatide in Patients With Acute Coronary Syndromes: Observations From the Platelet IIb/IIIa in Unstable Angina: Receptor Suppression Using Integrilin Therapy (PURSUIT) Trial, 2772
- Early Reinfarction After Fibrinolysis: Experience From the Global Utilization of Streptokinase and Tissue Plasminogen Activator (Alteplase) for Occluded Coronary Arteries (GUSTO I) and Global Use of Strategies To Open Occluded Coronary Arteries (GUSTO III) Trials, 1229
- Heart Rate Recovery Immediately After Treadmill Exercise and Left Ventricular Systolic Dysfunction as Predictors of Mortality: The Case of Stress Echocardiography, 1911
- Prediction of Long-Term Outcomes by Signal-Averaged Electrocardiography in Patients With Unsustained Ventricular Tachycardia, Coronary Artery Disease, and Left Ventricular Dysfunction, 436
- Prior Coronary Artery Bypass Surgery and Risk of Death Among Patients With Ischemic Left Ventricular Dysfunction, 1489
- Procalcitonin, A Donor-Specific Predictor of Early Graft Failure-Related Mortality After Heart Transplantation, 1-192
- Reducing Emotional Distress Improves Prognosis in Coronary Heart Disease: 9-Year Mortality in a Clinical Trial of Rehabilitation, 2018
- Sudden Cardiac Death in the United States, 1989 to 1998, 2158
- Survival Benefit of the Implantable Cardioverter-Defibrillator in Patients on the Waiting List for Cardiac Transplantation, 1-171
- Volume-Outcome Relation for Physicians and Hospitals Performing Angioplasty for Acute Myocardial Infarction in New York State, 2171
- Waiting for Cardiac Surgery: Results of a Risk-Stratified Queuing Process, 1-92

Muscle, smooth

- Altered Growth Responses of Pulmonary Artery Smooth Muscle Cells From Patients With Primary Pulmonary Hypertension to Transforming Growth Factor- β_1 and Bone Morphogenetic Proteins, 790
- Angiotensin II Induces Circadian Gene Expression of Clock Genes in Cultured Vascular Smooth Muscle Cells, 1746
- Angiotensin II Type 2 Receptor Mediates Vascular Smooth Muscle Cell Apoptosis in Cystic Medial Degeneration Associated With Marfan's Syndrome, 1-282
- Apolipoprotein J/Clusterin Is Induced in Vascular Smooth Muscle Cells After Vascular Injury, 1407
- Effect of Short Pulsed Nonablative Infrared Laser Irradiation on Vascular Cells In Vitro and Neointimal Hyperplasia in a Rabbit Balloon Injury Model, 1850
- Elevating High-Density Lipoprotein Cholesterol in Apolipoprotein E-Deficient Mice Remodels Advanced Atherosclerotic Lesions by Decreasing Macrophage and Increasing Smooth Muscle Cell Content, 2447
- Eptifibatide and 7E3, but Not Tirofiban, Inhibit $\alpha_v\beta_3$ Integrin-Mediated Binding of Smooth Muscle Cells to Thrombospondin and Prothrombin, 582
- Genetic Demonstration of p47phox-Dependent Superoxide Anion Production in Murine Vascular Smooth Muscle Cells, 79
- Nitric Oxide Synthase (nNOS) Gene Transfer Modifies Venous Bypass Graft Remodeling: Effects on Vascular Smooth Muscle Cell Differentiation and Superoxide Production, 1526
- Pioglitazone Enhances Cytokine-Induced Apoptosis in Vascular Smooth Muscle Cells and Reduces Intimal Hyperplasia, 455
- Reduced Sarco/Endoplasmic Reticulum Ca^{2+} Uptake Activity Can Account for the Reduced Response to NO, but Not Sodium Nitroprusside, In Hypercholesterolemic Rabbit Aorta, 1040

- Sex Steroids Used in Hormonal Treatment Increase Vascular Procoagulant Activity by Inducing Thrombin Receptor (PAR-1) Expression: Role of the Glucocorticoid Receptor, 2826
- Synergistic Effect of Urotensin II With Mildly Oxidized LDL on DNA Synthesis in Vascular Smooth Muscle Cells, 16
- Vascular Dysfunction After Repair of Coarctation of the Aorta: Impact of Early Surgery, 1-165
- Muscles**
- Biomechanical Hearts: Muscular Blood Pumps, Performed in a 1-Step Operation, and Trained Under Support of Clenbuterol, 717
- Enhanced Generation of Reactive Oxygen Species in the Limb Skeletal Muscles From a Murine Infarct Model of Heart Failure, 134
- Increased Adenosine Monophosphate-Activated Protein Kinase Activity in Rat Hearts With Pressure-Overload Hypertrophy, 1664
- Insulin Resistance, Hyperlipidemia, and Hypertension in Mice Lacking Endothelial Nitric Oxide Synthase, 342
- Is Skeletal Myoblast Transplantation Clinically Relevant in the Era of Angiotensin-Converting Enzyme Inhibitors? I-223
- Recombinant Vascular Endothelial Growth Factor Secreted From Tissue-Engineered Bioartificial Muscles Promotes Localized Angiogenesis, 594
- Myocardial**
- Consequences of Brief Ischemia: Stunning, Preconditioning, and Their Clinical Implications: Part 1, 2981
- Myocardial contraction**
- Anterior Chordal Transection Impairs Not Only Regional Left Ventricular Function But Also Regional Right Ventricular Function in Mitral Regurgitation, 1-41
- Effects of Nitric Oxide Synthase Inhibition on Basal Function and the Force-Frequency Relationship in the Normal and Failing Human Heart In Vivo, 2318
- Impaired Endothelial Regulation of Ventricular Relaxation in Cardiac Hypertrophy: Role of Reactive Oxygen Species and NADPH Oxidase, 2967
- Length Dependence of Tension Generation in Rat Skinned Cardiac Muscle: Role of Titin in the Frank-Starling Mechanism of the Heart, 1639
- Mechanical Unloading Restores β -Adrenergic Responsiveness and Reverses Receptor Downregulation in the Failing Human Heart, 881
- Nitric Oxide and Cardiac Contractility in Human Heart Failure: Time for Reappraisal, 2260
- Reduced Myocardial Sarcoplasmic Reticulum Ca^{2+} -ATPase mRNA Expression and Biphasic Force-Frequency Relations in Patients With Hypertrophic Cardiomyopathy, 658
- Myocardial infarction**
- Admission Troponin T Level Predicts Clinical Outcomes, TIMI Flow, and Myocardial Tissue Perfusion After Primary Percutaneous Intervention for Acute ST-Segment Elevation Myocardial Infarction, 630
- Application of C1-Esterase Inhibitor During Reperfusion of Ischemic Myocardium: Dose-Related Beneficial Versus Detrimental Effects, 3125
- Cardiac Biomarkers for Rapid Evaluation of Chest Pain, 1454
- Cell Transplantation for the Treatment of Acute Myocardial Infarction Using Vascular Endothelial Growth Factor-Expressing Skeletal Myoblasts, 1-207
- Chordal Cutting: A New Therapeutic Approach for Ischemic Mitral Regurgitation, 1958
- Chronic Phosphocreatine Depletion by the Creatine Analogue β -Guanidinopropionate Is Associated With Increased Mortality and Loss of ATP in Rats After Myocardial Infarction, 1844
- Circulating Microparticles From Patients With Myocardial Infarction Cause Endothelial Dysfunction, 2649
- Comparison of Use of Medications After Acute Myocardial Infarction in the Veterans Health Administration and Medicare, 2898
- Consequences of Brief Ischemia: Stunning, Preconditioning, and Their Clinical Implications: Part 1, 2981
- Consequences of Brief Ischemia: Stunning, Preconditioning, and Their Clinical Implications: Part 2, 3158
- Cost-Effectiveness of Coronary Stenting in Acute Myocardial Infarction: Results From the Stent Primary Angioplasty in Myocardial Infarction (Stent-PAMI) Trial, 3039
- Current Concepts of the Pathogenesis of the Acute Coronary Syndromes, 365
- Depression, Heart Rate Variability, and Acute Myocardial Infarction, 2024
- Double-Blind, Randomized Trial of an Anti-CD18 Antibody in Conjunction With Recombinant Tissue Plasminogen Activator for Acute Myocardial Infarction: Limitation of Myocardial Infarction Following Thrombolysis in Acute Myocardial Infarction (LIMIT AMI) Study, 2778
- Early Reinfarction After Fibrinolysis: Experience From the Global Utilization of Streptokinase and Tissue Plasminogen Activator (Alteplase) for Occluded Coronary Arteries (GUSTO I) and Global Use of Strategies To Open Occluded Coronary Arteries (GUSTO III) Trials, 1229
- Effects of Ramipril on Coronary Events in High-Risk Persons: Results of the Heart Outcomes Prevention Evaluation Study, 522
- Genetic Variation in Coagulation and Fibrinolytic Proteins and Their Relation With Acute Myocardial Infarction: A Systematic Review, 3063
- Heart Failure After Myocardial Infarction: Altered Excitation-Contraction Coupling, 688
- Hormone Therapy and In-Hospital Survival After Myocardial Infarction in Postmenopausal Women, 2300
- Imaging Time After Gd-DTPA Injection Is Critical in Using Delayed Enhancement to Determine Infarct Size Accurately With Magnetic Resonance Imaging, 2838
- Importance of TIMI 3 Flow, 624
- Improvement of Left Ventricular Remodeling and Function by Hydroxymethylglutaryl Coenzyme A Reductase Inhibition With Cerivastatin in Rats With Heart Failure After Myocardial Infarction, 982
- In Vivo Myocardial Protection From Ischemia/Reperfusion Injury by the Peroxisome Proliferator-Activated Receptor- γ Agonist Rosiglitazone, 2588
- Increased Inducible Nitric Oxide Synthase Expression Contributes to Myocardial Dysfunction and Higher Mortality After Myocardial Infarction in Mice, 700
- Inhibition of Collagen Synthesis With Prolyl 4-Hydroxylase Inhibitor Improves Left Ventricular Function and Alters the Pattern of Left Ventricular Dilatation After Myocardial Infarction, 2216
- Is Skeletal Myoblast Transplantation Clinically Relevant in the Era of Angiotensin-Converting Enzyme Inhibitors? I223
- Long-Term Effects of Nonselective Endothelin A and B Receptor Antagonism in Postinfarction Rat: Importance of Timing, 2075
- Maternal and Paternal History of Myocardial Infarction and Risk of Cardiovascular Disease in Men and Women, 393
- n-3 Polyunsaturated Fatty Acids, Fish, and Nonfatal Acute Myocardial Infarction, 2269
- Ninety-Minute Exclusion of Acute Myocardial Infarction By Use of Quantitative Point-of-Care Testing of Myoglobin and Troponin I, 1483
- Nitroglycerin Induces Late Preconditioning Against Myocardial Infarction in Conscious Rabbits Despite Development of Nitrate Tolerance, 694
- Normal Flow (TIMI-3) Before Mechanical Reperfusion Therapy Is an Independent Determinant of Survival in Acute Myocardial Infarction: Analysis From the Primary Angioplasty in Myocardial Infarction Trials, 636
- Novel Platelet Membrane Glycoprotein VI Dimorphism Is a Risk Factor for Myocardial Infarction, 1459
- Operator Volume and Clinical Outcomes of Primary Coronary Angioplasty for Patients With Acute Myocardial Infarction, 2155
- Paradoxical Decrease in Ischemic Mitral Regurgitation With Papillary Muscle Dysfunction: Insights From Three-Dimensional and Contrast Echocardiography With Strain Rate Measurement, 1952
- Platelet Glycoprotein Iba HPA-2 Met/VNTR B Haplotype as a Genetic Predictor of Myocardial Infarction and Sudden Cardiac Death, 876
- Primary Prevention of Sudden Death With Implantable Defibrillator Therapy in Patients With Cardiac Disease: Can We Afford to Do It? (Can We Afford Not To?), 1564
- Randomized Comparison of Enoxaparin, a Low-Molecular-Weight Heparin, With Unfractionated Heparin Adjunctive to Recombinant Tissue Plasminogen Activator Thrombolysis and Aspirin:

- Second Trial of Heparin and Aspirin Reperfusion Therapy (HART II), 648
- Reducing Emotional Distress Improves Prognosis in Coronary Heart Disease: 9-Year Mortality in a Clinical Trial of Rehabilitation, 2018
- Reversal of Cardiogenic Shock by Percutaneous Left Atrial-to-Femoral Arterial Bypass Assistance, 2917
- Scaffold-Based Three-Dimensional Human Fibroblast Culture Provides a Structural Matrix That Supports Angiogenesis in Infarcted Heart Tissue, 2063
- Selective Serotonin Reuptake Inhibitors and Myocardial Infarction, 1894
- Sex-Based Differences in Early Mortality of Patients Undergoing Primary Angioplasty for First Acute Myocardial Infarction, 3034
- Single Nucleotide Polymorphisms in Multiple Novel Thrombospondin Genes May Be Associated With Familial Premature Myocardial Infarction, 2641
- Time Is Myocardium and Time Is Outcomes, 2632
- Time to Treatment Influences the Impact of ST-Segment Resolution on One-Year Prognosis: Insights From the Assessment of the Safety and Efficacy of a New Thrombolytic (ASSENT-2) Trial, 2653
- Timing Is Everything: Motivating Patients to Call 9-1-1 at Onset of Acute Myocardial Infarction, 1210
- Transmural Extent of Acute Myocardial Infarction Predicts Long-Term Improvement in Contractile Function, 1101
- Trends in Acute Coronary Heart Disease Mortality, Morbidity, and Medical Care From 1985 Through 1997: The Minnesota Heart Survey, 19
- Troponisms, Necrosettes, Enzyme Leaks, Creatinine Phosphokinase Bumps, and Infarctlets: What's Behind This New Lexicon and What Does It Add? 627
- Upregulation of the Cardiac Monocarboxylate Transporter MCT1 in a Rat Model of Congestive Heart Failure, 729
- Warning Signs of a Heart Attack, 1212
- Myocardial stunning**
- Consequences of Brief Ischemia: Stunning, Preconditioning, and Their Clinical Implications: Part 2, 3158
- Electrical Induction of Ventricular Fibrillation for Resuscitation From Postcountershock Pulseless and Asystolic Cardiac Arrests, 723
- Noninvasive Quantification of the Contractile Reserve of Stunned Myocardium by Ultrasonic Strain Rate and Strain, 1059
- Time Course of Functional Recovery of Stunned and Hibernating Segments After Surgical Revascularization, I-314
- Transmural Distribution of Three-Dimensional Systolic Strains in Stunned Myocardium, 336
- Myocarditis**
- Advances in the Understanding of Myocarditis, 1076
- Inflammatory Cardiomyopathy (Myocarditis): Which Patients Should Be Treated With Anti-Inflammatory Therapy? 4
- Inflammatory Left Ventricular Microaneurysms as a Cause of Apparently Idiopathic Ventricular Tachyarrhythmias, 168
- Interleukin-12 Receptor/STAT4 Signaling Is Required for the Development of Autoimmune Myocarditis in Mice by an Interferon- γ -Independent Pathway, 3145
- Protection Against Autoimmune Myocarditis by Gene Transfer of Interleukin-10 by Electroporation, 1098
- Randomized, Placebo-Controlled Study for Immunosuppressive Treatment of Inflammatory Dilated Cardiomyopathy: Two-Year Follow-Up Results, 39
- Myocardium**
- Activation of Cardiac Endothelium as a Compensatory Component in Endotoxin-Induced Cardiomyopathy: Role of Endothelin, Prostaglandins, and Nitric Oxide, 3137
- Application of C1-Esterase Inhibitor During Reperfusion of Ischemic Myocardium: Dose-Related Beneficial Versus Detrimental Effects, 3125
- Biochemical and Structural Evidence for Pig Myocardium Adherens Junction Disruption by Cardiopulmonary Bypass, I-319
- Consequences of Brief Ischemia: Stunning, Preconditioning, and Their Clinical Implications: Part 2, 3158
- Downregulation of Protein Kinase C Inhibits Activation of Mitochondrial K_{ATP} Channels by Diazoxide, 85
- 17 β -Estradiol Attenuates the Development of Pressure-Overload Hypertrophy, 1419
- Improvement of Left Ventricular Remodeling and Function by Hydroxymethylglutaryl Coenzyme A Reductase Inhibition With Cerivastatin in Rats With Heart Failure After Myocardial Infarction, 982
- Length Dependence of Tension Generation in Rat Skinned Cardiac Muscle: Role of Titin in the Frank-Starling Mechanism of the Heart, 1639
- Reduction of Cardiovascular Risk by Regression of Electrocardiographic Markers of Left Ventricular Hypertrophy by the Angiotensin-Converting Enzyme Inhibitor Ramipril, 1615
- Roles of Prostaglandin I_2 and Thromboxane A_2 in Cardiac Ischemia-Reperfusion Injury: A Study Using Mice Lacking Their Respective Receptors, 2210
- Spatial Heterogeneity of Calcium Transient Alternans During the Early Phase of Myocardial Ischemia in the Blood-Perfused Rabbit Heart, 2082
- Titin: An Elastic Link Between Length and Active Force Production in Myocardium, 1585
- Usefulness of Serum Carboxy-Terminal Propeptide of Procollagen Type I in Assessment of the Cardioreparative Ability of Antihypertensive Treatment in Hypertensive Patients, 286
- Myocytes**
- Activation of Lectin-Like Oxidized Low-Density Lipoprotein Receptor-I Induces Apoptosis in Cultured Neonatal Rat Cardiac Myocytes, 2948
- Differential Regulation of Mitogen-Activated Protein Kinases in the Failing Human Heart in Response to Mechanical Unloading, 2273
- Effects of Calcium, Inorganic Phosphate, and pH on Isometric Force in Single Skinned Cardiomyocytes From Donor and Failing Human Hearts, 1140
- Gender Influences $[Ca^{2+}]_i$ During Metabolic Inhibition in Myocytes Overexpressing the Na^+-Ca^{2+} Exchanger, 2101
- Isoproterenol Activates Extracellular Signal-Regulated Protein Kinases in Cardiomyocytes Through Calcineurin, 102
- Peroxisome Proliferator-Activated Receptor γ Activators Inhibit Cardiac Hypertrophy in Cardiac Myocytes, 1670
- Myoglobin**
- Ninety-Minute Exclusion of Acute Myocardial Infarction By Use of Quantitative Point-of-Care Testing of Myoglobin and Troponin I, 1483
- Myosin**
- Interleukin-12 Receptor/STAT4 Signaling Is Required for the Development of Autoimmune Myocarditis in Mice by an Interferon- γ -Independent Pathway, 3145
- N**
- NADPH oxidase**
- Are ACE Inhibitors a "Magic Bullet" Against Oxidative Stress? 1571
- Genetic Demonstration of p47phox-Dependent Superoxide Anion Production in Murine Vascular Smooth Muscle Cells, 79
- Natriuretic peptides**
- Initial Effects of the Left Ventricular Repair by Plication May Not Last Long in a Rat Ischemic Cardiomyopathy Model, I-241
- Neointima**
- Adenovirus-Mediated Heme Oxygenase-1 Gene Delivery Inhibits Injury-Induced Vascular Neointima Formation, 2710
- Short-Term Local Delivery of an Inhibitor of Ras Farnesyltransferase Prevents Neointima Formation In Vivo After Porcine Coronary Balloon Angioplasty, 1538
- Nervous system**
- Neuroprotective Effect of Mild Hypothermia in Patients Undergoing Coronary Artery Surgery With Cardiopulmonary Bypass: A Randomized Trial, I-85
- Nervous system, autonomic**
- Altered Autonomic Support of Arterial Blood Pressure With Age in Healthy Men, 2424
- Association of Heart Rate Variability With Occupational and Environmental Exposure to Particulate Air Pollution, 986
- Catheter Stimulation of Cardiac Parasympathetic Nerves in Humans: A Novel Approach to the Cardiac Autonomic Nervous System, 2430

- Central Arterial Compliance Is Associated With Age- and Habitual Exercise-Related Differences in Cardiovascular Baroreflex Sensitivity, 1627
- Dysregulation of Peripheral and Central Chemoreflex Responses in Chagas' Heart Disease Patients Without Heart Failure, 1792
- Myocardial Muscarinic Receptor Upregulation and Normal Response to Isoproterenol in Denervated Hearts by Familial Amyloid Polyneuropathy, 2911
- Nonselective Versus Selective β -Adrenergic Receptor Blockade in Congestive Heart Failure: Differential Effects on Sympathetic Activity, 2194
- Parasympathetic Neural Activity Accounts for the Lowering of Exercise Heart Rate at High Altitude, 1785
- Predisposition to Vasovagal Syncope in Subjects With Blood/Injury Phobia, 903
- Severely Impaired Cardiac Autonomic Nervous Activity After the Fontan Operation, 1513
- Sympathetic Neural Mechanisms in Normal and Hypertensive Pregnancy in Humans, 2200
- Transmyocardial Laser Revascularization Remodels the Intrinsic Cardiac Nervous System in a Chronic Setting, 1-115
- Nervous system, sympathetic**
- Differential Characteristics of Neural Circulatory Control: Early Versus Late After Cardiac Transplantation, 1809
- Evidence of Functional Myocardial Ischemia Associated With Myocardial Dysfunction in Brain-Dead Pigs, 1-197
- Heart Rate-Independent Vagal Effect on End-Systolic Elastance of the Canine Left Ventricle Under Various Levels of Sympathetic Tone, 2277
- Ischemic Preconditioning Attenuates Cardiac Sympathetic Nerve Injury via ATP-Sensitive Potassium Channels During Myocardial Ischemia, 1053
- Reduced Functional Expression and Molecular Synthesis of Inducible Nitric Oxide Synthase in Rostral Ventrolateral Medulla of Spontaneously Hypertensive Rats, 1676
- Respiratory Modulation of Muscle Sympathetic Nerve Activity in Patients With Chronic Heart Failure, 418
- Sequential Modulation of Cardiac Autonomic Control Induced by Cardiopulmonary and Arterial Baroreflex Mechanisms, 2932
- Nitrates**
- Nitroglycerin Induces Late Preconditioning Against Myocardial Infarction in Conscious Rabbits Despite Development of Nitrate Tolerance, 694
- Upregulation of Phosphodiesterase 1A1 Expression Is Associated With the Development of Nitrate Tolerance, 2338
- Nitric oxide**
- Activated Protein C Prevents Endotoxin-Induced Hypotension in Rats by Inhibiting Excessive Production of Nitric Oxide, 1171
- Adenovirus-Mediated Gene Transfer of VEGF₁₂₁ Improves Lower-Extremity Endothelial Function and Flow Reserve, 753
- Central Hypotensive Action of Clonidine Requires Nitric Oxide, 1884
- Cerivastatin, a Hydroxymethylglutaryl Coenzyme A Reductase Inhibitor, Improves Endothelial Function in Elderly Diabetic Patients Within 3 Days, 376
- Comparison of Nitric Oxide Release and Endothelium-Derived Hyperpolarizing Factor-Mediated Hyperpolarization Between Human Radial and Internal Mammary Arteries, 1-344
- Dysfunctional Endothelial Nitric Oxide Biosynthesis in Healthy Smokers With Impaired Endothelium-Dependent Vasodilatation, 1905
- Effects of Nitric Oxide Synthase Inhibition on Basal Function and the Force-Frequency Relationship in the Normal and Failing Human Heart In Vivo, 2318
- Endothelium-Mediated Relaxation of Porcine Collateral-Dependent Arterioles Is Improved by Exercise Training, 1393
- Expression of Inducible Nitric Oxide Synthase Depresses β -Adrenergic-Stimulated Calcium Release From the Sarcoplasmic Reticulum in Intact Ventricular Myocytes, 2961
- Folate and Nitrate-Induced Endothelial Dysfunction: A Simple Treatment for a Complex Pathobiology, 1086
- Homocysteine Impairs the Nitric Oxide Synthase Pathway: Role of Asymmetric Dimethylarginine, 2569
- Impact of Hyperthyroidism and Its Correction on Vascular Reactivity in Humans, 3076
- Impaired Endothelial Regulation of Ventricular Relaxation in Cardiac Hypertrophy: Role of Reactive Oxygen Species and NADPH Oxidase, 2967
- Impaired Myofibrillar Energetics and Oxidative Injury During Human Atrial Fibrillation, 174
- Increased Inducible Nitric Oxide Synthase Expression Contributes to Myocardial Dysfunction and Higher Mortality After Myocardial Infarction in Mice, 700
- Influence of Nitric Oxide Synthase and Adrenergic Inhibition on Adenosine-Induced Myocardial Hyperemia, 2305
- Intraplatelet Tetrahydrobiopterin Plays an Important Role in Regulating Canine Coronary Arterial Thrombosis by Modulating Intraplatelet Nitric Oxide and Superoxide Generation, 2478
- Nebivolol Reverses Endothelial Dysfunction in Essential Hypertension: A Randomized, Double-Blind, Crossover Study, 511
- Nitric Oxide and Cardiac Contractility in Human Heart Failure: Time for Reappraisal, 2260
- Nitric Oxide Synthase (nNOS) Gene Transfer Modifies Venous Bypass Graft Remodeling: Effects on Vascular Smooth Muscle Cell Differentiation and Superoxide Production, 1526
- Noninvasive Determination of Spatially Resolved and Time-Resolved Tissue Perfusion in Humans During Nitric Oxide Inhibition and Inhalation by Use of a Visible-Reflectance Hyperspectral Imaging Technique, 2905
- Oxidant Stress as a Marker for Cardiovascular Events: Ox Marks the Spot, 2638
- Pioglitazone Enhances Cytokine-Induced Apoptosis in Vascular Smooth Muscle Cells and Reduces Intimal Hyperplasia, 455
- Reduced Sarco/Endoplasmic Reticulum Ca^{2+} Uptake Activity Can Account for the Reduced Response to NO, but Not Sodium Nitroprusside, In Hypercholesterolemic Rabbit Aorta, 1040
- Regional Cerebral Hyperperfusion and Nitric Oxide Pathway Dysregulation in Fabry Disease: Reversal by Enzyme Replacement Therapy, 1506
- Short- and Long-Term Black Tea Consumption Reverses Endothelial Dysfunction in Patients With Coronary Artery Disease, 151
- Tolerance to the Organic Nitrates: New Ideas, New Mechanisms, Continued Mystery, 2263
- Tumor Necrosis Factor Antagonism With Etanercept Improves Systemic Endothelial Vasoreactivity in Patients With Advanced Heart Failure, 3023
- Nitric oxide synthase**
- Accelerated Atherosclerosis, Aortic Aneurysm Formation, and Ischemic Heart Disease in Apolipoprotein E/Endothelial Nitric Oxide Synthase Double-Knockout Mice, 448
- Activation of Cardiac Endothelium as a Compensatory Component in Endotoxin-Induced Cardiomyopathy: Role of Endothelin, Prostaglandins, and Nitric Oxide, 3137
- Angiotensin-Converting Enzyme Inhibitor Preserves p21 and Endothelial Nitric Oxide Synthase Expression in Monocrotaline-Induced Pulmonary Arterial Hypertension in Rats, 945
- Circulating Microparticles From Patients With Myocardial Infarction Cause Endothelial Dysfunction, 2649
- Dysfunctional Endothelial Nitric Oxide Biosynthesis in Healthy Smokers With Impaired Endothelium-Dependent Vasodilatation, 1905
- Effects of Nitric Oxide Synthase Inhibition on Basal Function and the Force-Frequency Relationship in the Normal and Failing Human Heart In Vivo, 2318
- Estrogen-Induced Vasoprotection Is Independent of Inducible Nitric Oxide Synthase Expression: Evidence From the Mouse Carotid Artery Ligation Model, 2740
- Expression of Endomyocardial Nitric Oxide Synthase and Coronary Endothelial Function in Human Cardiac Allografts, 1-336
- Folic Acid Prevents Nitroglycerin-Induced Nitric Oxide Synthase Dysfunction and Nitrate Tolerance: A Human In Vivo Study, 1119
- Hypertension Does Not Account for the Accelerated Atherosclerosis and Development of Aneurysms in Male Apolipoprotein E/Endothelial Nitric Oxide Synthase Double Knockout Mice, 2391
- Improvement of Left Ventricular Remodeling and Function by Hydroxymethylglutaryl Coenzyme A Reductase Inhibition With Cerivastatin in Rats With Heart Failure After Myocardial Infarction, 982

- Increased Inducible Nitric Oxide Synthase Expression Contributes to Myocardial Dysfunction and Higher Mortality After Myocardial Infarction in Mice, 700
- Myocardial Contractile Function and Heart Rate in Mice With Myocyte-Specific Overexpression of Endothelial Nitric Oxide Synthase, 3097
- Nitric Oxide and Cardiac Contractility in Human Heart Failure: Time for Reappraisal, 2260
- Plasminogen Activator Inhibitor-1 Deficiency Prevents Hypertension and Vascular Fibrosis in Response to Long-term Nitric Oxide Synthase Inhibition, 839
- Quantitative Myocardial Cytokine Expression and Activation of the Apoptotic Pathway in Patients Who Require Left Ventricular Assist Devices, 1-233
- Reduced Functional Expression and Molecular Synthesis of Inducible Nitric Oxide Synthase in Rostral Ventrolateral Medulla of Spontaneously Hypertensive Rats, 1676
- Regulation of Endothelial Nitric Oxide Synthase Expression in the Vascular Wall and in Mononuclear Cells From Hypercholesterolemic Rabbits, 1822
- Nitroglycerin**
- Folic Acid Prevents Nitroglycerin-Induced Nitric Oxide Synthase Dysfunction and Nitrate Tolerance: A Human In Vivo Study, 1119
- Nitroglycerin Induces Late Preconditioning Against Myocardial Infarction in Conscious Rabbits Despite Development of Nitrate Tolerance, 694
- Tolerance to the Organic Nitrates: New Ideas, New Mechanisms, Continued Mystery, 2263
- 3-Nitrotyrosine**
- Impaired Myofibrillar Energetics and Oxidative Injury During Human Atrial Fibrillation, 174
- Norepinephrine**
- Ischemic Preconditioning Attenuates Cardiac Sympathetic Nerve Injury via ATP-Sensitive Potassium Channels During Myocardial Ischemia, 1053
- Myocardial Contractile Function and Heart Rate in Mice With Myocyte-Specific Overexpression of Endothelial Nitric Oxide Synthase, 3097
- Nonselective Versus Selective β -Adrenergic Receptor Blockade in Congestive Heart Failure: Differential Effects on Sympathetic Activity, 2194
- Respiratory Modulation of Muscle Sympathetic Nerve Activity in Patients With Chronic Heart Failure, 418
- Nutrition**
- Chronic Administration of Ghrelin Improves Left Ventricular Dysfunction and Attenuates Development of Cardiac Cachexia in Rats With Heart Failure, 1430
- Comparison of Various Electrophoretic Characteristics of LDL Particles and Their Relationship to the Risk of Ischemic Heart Disease, 2295
- Dietary Protein and Weight Reduction: A Statement for Healthcare Professionals From the Nutrition Committee of the Council on Nutrition, Physical Activity, and Metabolism of the American Heart Association, 1869
- Elevated Circulating Level of Ghrelin in Cachexia Associated With Chronic Heart Failure: Relationships Between Ghrelin and Anabolic/Catabolic Factors, 2034
- Maternal Energy Stores and Diet Composition During Pregnancy Program Adolescent Blood Pressure, 1034
- O**
- Obesity**
- Clinical Correlates and Reference Intervals for Pulmonary Artery Systolic Pressure Among Echocardiographically Normal Subjects, 2797
- Dietary Protein and Weight Reduction: A Statement for Healthcare Professionals From the Nutrition Committee of the Council on Nutrition, Physical Activity, and Metabolism of the American Heart Association, 1869
- Human Evidence That the Apolipoprotein A-II Gene Is Implicated in Visceral Fat Accumulation and Metabolism of Triglyceride-Rich Lipoproteins, 1223
- Occlusion**
- Collateral Function in Chronic Total Coronary Occlusions Is Related to Regional Myocardial Function and Duration of Occlusion, 2784
- Endothelium-Mediated Relaxation of Porcine Collateral-Dependent Arterioles Is Improved by Exercise Training, 1393
- Microvascular Dysfunction in Chronic Total Coronary Occlusions, 1129
- Ouabain**
- Heart Failure After Myocardial Infarction: Altered Excitation-Contraction Coupling, 688
- Oxidant stress**
- Memories of Patients With a Giant Left Atrium, 2630
- Oxidant Stress as a Marker for Cardiovascular Events: Ox Marks the Spot, 2638
- Oxidation**
- 12/15-Lipoxygenase Gene Disruption Attenuates Atherogenesis in LDL Receptor-Deficient Mice, 1646
- Oxygen**
- A 30-Year Follow-Up of the Dallas Bed Rest and Training Study: I. Effect of Age on the Cardiovascular Response to Exercise, 1350
- A 30-Year Follow-Up of the Dallas Bed Rest and Training Study: II. Effect of Age on Cardiovascular Adaptation to Exercise Training, 1358
- Coordinated Adaptation of Oxygen Transport in Cardiopulmonary Disease, 963
- Exercise Pathophysiology in Patients With Primary Pulmonary Hypertension, 429
- Exercise Standards for Testing and Training: A Statement for Healthcare Professionals From the American Heart Association, 1694
- Folate and Nitrate-Induced Endothelial Dysfunction: A Simple Treatment for a Complex Pathobiology, 1086
- Protection Against Oxidized Low-Density Lipoprotein-Induced Vascular Endothelial Cell Death by Integrin-Linked Kinase, 2762
- P**
- P-selectin**
- Upregulation of CD40 and CD40 Ligand (CD154) in Patients With Moderate Hypercholesterolemia, 2395
- P47phox**
- Genetic Demonstration of p47phox-Dependent Superoxide Anion Production in Murine Vascular Smooth Muscle Cells, 79
- Pacemakers**
- Staphylococcus aureus* Bacteremia in Patients With Permanent Pacemakers or Implantable Cardioverter-Defibrillators, 1029
- Pacing**
- Atrial Therapies Reduce Atrial Arrhythmia Burden in Defibrillator Patients, 1023
- Effect of Resynchronization Therapy Stimulation Site on the Systolic Function of Heart Failure Patients, 3026
- Effects of Rapid Atrial Pacing on the Arrhythmogenic Activity of Single Cardiomyocytes From Pulmonary Veins: Implication in Initiation of Atrial Fibrillation, 2849
- Efficacy of Pacing Therapies for Treating Atrial Tachyarrhythmias in Patients With Ventricular Arrhythmias Receiving a Dual-Chamber Implantable Cardioverter Defibrillator, 887
- Pathogenesis of Mitral Regurgitation in Tachycardia-Induced Cardiomyopathy, 1-47
- Permanent Cardiac Pacing Versus Medical Treatment for the Prevention of Recurrent Vasovagal Syncope: A Multicenter, Randomized, Controlled Trial, 52
- Shock Reduction Using Antitachycardia Pacing for Spontaneous Rapid Ventricular Tachycardia in Patients With Coronary Artery Disease, 796
- Patch-clamp techniques**
- Phospholipid Metabolite 1-Palmitoyl-Lysophosphatidylcholine Enhances Human *Ether-a-Go-Go*-Related Gene (HERG) K⁺ Channel Function, 2645
- Pathology**
- Hypertrophic Cardiomyopathy: Histopathological Features of Sudden Death in Cardiac Troponin T Disease, 1380
- Intracoronary β -Radiation Exacerbates Long-Term Neointima Formation in Balloon-Injured Pig Coronary Arteries, 2459

- Pathological Analysis of Local Delivery of Paclitaxel Via a Polymer-Coated Stent, 473
- Ventricular Arrhythmia Vulnerability in Cardiomyopathic Mice With Homozygous Mutant Myosin-Binding Protein C Gene, 2734
- Patients**
- Cyclooxygenase-2 Blockade Does Not Impair Endothelial Vasodilator Function in Healthy Volunteers: Randomized Evaluation of Rofecoxib Versus Naproxen on Endothelium-Dependent Vasodilatation, 2879
- Transvenous Biventricular Defibrillation Halves Energy Requirements in Patients, 2533
- Pediatrics**
- Development and Testing of the Helix Septal Occluder, a New Expanded Polytetrafluoroethylene Atrial Septal Defect Occlusion System, 711
- General Health Status of Children With D-Transposition of the Great Arteries After the Arterial Switch Operation, I-138
- Increased Aortic Intima-Media Thickness: A Marker of Preclinical Atherosclerosis in High-Risk Children, 2943
- Late Outcome After Arterial Switch Operation for Transposition of the Great Arteries, I-121
- Long-Term Survival After Mitral Valve Replacement in Children Aged <5 Years: A Multi-Institutional Study, I-143
- Minimum Bandwidth Requirements for Recording of Pediatric Electrocardiograms, 3087
- Radiofrequency Catheter Ablation in Infants ≤ 18 Months Old: When Is It Done and How Do They Fare? Short-Term Data From the Pediatric Ablation Registry, 2803
- Reliability of Multicenter Pediatric Echocardiographic Measurements of Left Ventricular Structure and Function: The Prospective P²C² HIV Study, 310
- Peptides**
- Usefulness of Serum Carboxy-Terminal Propeptide of Procollagen Type I in Assessment of the Cardioreparative Ability of Antihypertensive Treatment in Hypertensive Patients, 286
- Vasoconstrictor Effect of the Angiotensin-Converting Enzyme-Resistant, Chymase-Specific Substrate [Pro¹⁰-Ala¹²] Angiotensin I in Human Dorsal Hand Veins: In Vivo Demonstration of Non-ACE Production of Angiotensin II in Humans, 1805
- Perfusion**
- Combined Assessment of Myocardial Perfusion and Regional Left Ventricular Function by Analysis of Contrast-Enhanced Power Modulation Images, 352
- Comparison of Real-Time and Intermittent Triggered Myocardial Contrast Echocardiography for Quantification of Coronary Stenosis Severity and Transmural Perfusion Gradient, 1550
- Influence of Nitric Oxide Synthase and Adrenergic Inhibition on Adenosine-Induced Myocardial Hyperemia, 2305
- Pericarditis**
- Annulus Paradoxus: Transmitral Flow Velocity to Mitral Annular Velocity Ratio Is Inversely Proportional to Pulmonary Capillary Wedge Pressure in Patients With Constrictive Pericarditis, 976
- Peripheral chemoreceptors**
- Peripheral Chemoreceptor Hypersensitivity: An Ominous Sign in Patients With Chronic Heart Failure, 544
- Peripheral vascular disease**
- Noninvasive Determination of Spatially Resolved and Time-Resolved Tissue Perfusion in Humans During Nitric Oxide Inhibition and Inhalation by Use of a Visible-Reflectance Hyperspectral Imaging Technique, 2905
- Plasma Levels of Metalloproteinases-3 and -9 as Markers of Successful Abdominal Aortic Aneurysm Exclusion After Endovascular Graft Treatment, I-288
- Therapeutic Angiogenesis Induced by Human Hepatocyte Growth Factor Gene in Rat Diabetic Hind Limb Ischemia Model: Molecular Mechanisms of Delayed Angiogenesis in Diabetes, 2344
- Tibioperoneal (Outflow Lesion) Angioplasty Can Be Used as Primary Treatment in 235 Patients With Critical Limb Ischemia: Five-Year Follow-Up, 2057
- Pharmacodynamics**
- Abciximab Readministration: Results of the ReoPro Readministration Registry, 870
- Pharmacokinetics**
- Pharmacodynamics and Pharmacokinetics of Eptifibatide in Patients With Acute Coronary Syndromes: Prospective Analysis From PURSUIT, 399
- Pharmacodynamics and Pharmacokinetics of Higher-Dose, Double-Bolus Eptifibatide in Percutaneous Coronary Intervention, 406
- Physiological Transport Forces Govern Drug Distribution for Stent-Based Delivery, 600
- Pharmacology**
- Augmentation of Cardiac Contractility Mediated by the Human β_1 -Adrenergic Receptor Overexpressed in the Hearts of Transgenic Mice, 2485
- Gating-Dependent Mechanisms for Flecainide Action in SCN5A-Linked Arrhythmia Syndromes, 1200
- New Approaches to Antiarrhythmic Therapy, Part I: Emerging Therapeutic Applications of the Cell Biology of Cardiac Arrhythmias, 2865
- New Approaches to Antiarrhythmic Therapy, Part II: Emerging Therapeutic Applications of the Cell Biology of Cardiac Arrhythmias, 2990
- Randomized Comparison of Ticlopidine and Clopidogrel After Intracoronary Stent Implantation in a Broad Patient Population, 539
- Sildenafil Inhibits Hypoxia-Induced Pulmonary Hypertension, 424
- Tolerance to the Organic Nitrates: New Ideas, New Mechanisms, Continued Mystery, 2263
- Phosphodiesterase**
- Cardioprotective Effect Afforded by Transient Exposure to Phosphodiesterase III Inhibitors: The Role of Protein Kinase A and p38 Mitogen-Activated Protein Kinase, 705
- Upregulation of Phosphodiesterase 1A1 Expression Is Associated With the Development of Nitrate Tolerance, 2338
- Phospholamban**
- Patients With End-Stage Congestive Heart Failure Treated With β -Adrenergic Receptor Antagonists Have Improved Ventricular Myocyte Calcium Regulatory Protein Abundance, 1012
- Phospholipids**
- Oxidized Low-Density Lipoprotein Downregulates Endothelial Basic Fibroblast Growth Factor Through a Pertussis Toxin-Sensitive G-Protein Pathway: Mediator Role of Platelet-Activating Factor-Like Phospholipids, 588
- Physiology**
- Activation of Barium-Sensitive Inward Rectifier Potassium Channels Mediates Remote Dilation of Coronary Arterioles, 1749
- Impact of Inspired Gas Mixtures on Preoperative Infants With Hypoplastic Left Heart Syndrome During Controlled Ventilation, I-159
- Relationship Between Early Diastolic Intraventricular Pressure Gradients, an Index of Elastic Recoil, and Improvements in Systolic and Diastolic Function, I-330
- Plaque**
- Effects of Lipid-Lowering by Simvastatin on Human Atherosclerotic Lesions: A Longitudinal Study by High-Resolution, Noninvasive Magnetic Resonance Imaging, 249
- Elevating High-Density Lipoprotein Cholesterol in Apolipoprotein E-Deficient Mice Remodels Advanced Atherosclerotic Lesions by Decreasing Macrophage and Increasing Smooth Muscle Cell Content, 2447
- Left Ventricular Muscle Mass and Elevated Heart Rate Are Associated With Coronary Plaque Disruption, 1477
- Novel MRI Contrast Agent for Molecular Imaging of Fibrin: Implications for Detecting Vulnerable Plaques, 1280
- Overexpression of Functionally Coupled Cyclooxygenase-2 and Prostaglandin E Synthase in Symptomatic Atherosclerotic Plaques as a Basis of Prostaglandin E₂-Dependent Plaque Instability, 921
- Unstable Coronary Plaque and Its Relation to Coronary Calcium, 1682
- Use of Intravascular Ultrasound to Compare Effects of Different Strategies of Lipid-Lowering Therapy on Plaque Volume and Composition in Patients With Coronary Artery Disease, 387
- Plasminogen activators**
- Alcohol Consumption and Hemostatic Factors: Analysis of the Framingham Offspring Cohort, 1367
- Plasminogen Activator Inhibitor-1 Deficiency Prevents Hypertension and Vascular Fibrosis in Response to Long-term Nitric Oxide Synthase Inhibition, 839
- Plasminogen Activator Inhibitor Type 1 Increases Neointima Formation in Balloon-Injured Rat Carotid Arteries, 1972

Platelet-derived factors

Mildly Oxidized LDL Induces Activation of Platelet-Derived Growth Factor β -Receptor Pathway, 1814

Platelets

- Abciximab Suppresses the Rise in Levels of Circulating Inflammatory Markers After Percutaneous Coronary Revascularization, 163
- Attenuation of Rebound Ischemia After Discontinuation of Heparin Therapy by Glycoprotein IIb/IIIa Inhibition With Eptifibatide in Patients With Acute Coronary Syndromes: Observations From the Platelet IIb/IIIa in Unstable Angina: Receptor Suppression Using Integrilin Therapy (PURSUIT) Trial, 2772
- Circulating Monocyte-Platelet Aggregates Are a More Sensitive Marker of In Vivo Platelet Activation Than Platelet Surface P-Selectin: Studies in Baboons, Human Coronary Intervention, and Human Acute Myocardial Infarction, 1533
- Disordered Cellular Migration and Angiogenesis in *cd39*-Null Mice, 3109
- Dissociation of Glycoprotein IIb/IIIa Antagonists From Platelets Does Not Result in Fibrinogen Binding or Platelet Aggregation, 1374
- Increased Bleeding Tendency and Decreased Susceptibility to Thromboembolism in Mice Lacking the Prostaglandin E Receptor Subtype EP₃, 1176
- Intraplatelet Tetrahydrobiopterin Plays an Important Role in Regulating Canine Coronary Arterial Thrombosis by Modulating Intraplatelet Nitric Oxide and Superoxide Generation, 2478
- Novel Platelet Membrane Glycoprotein VI Dimorphism Is a Risk Factor for Myocardial Infarction, 1459
- Oxidative Stress and Platelet Activation in Homozygous Homocystinuria, 1124
- Pharmacodynamics and Pharmacokinetics of Eptifibatide in Patients With Acute Coronary Syndromes: Prospective Analysis From PURSUIT, 399
- Platelet Collagen Receptors and Risk Prediction in Stroke and Coronary Artery Disease, 1451
- Platelet Glycoprotein Iba⁺ HPA-2 Met/VNTR B Haplotype as a Genetic Predictor of Myocardial Infarction and Sudden Cardiac Death, 876
- Platelet Glycoprotein IIb/IIIa Inhibitors Reduce Mortality in Diabetic Patients With Non-ST-Segment-Elevation Acute Coronary Syndromes, 2767
- Platelet Glycoprotein IIIa P⁺ Polymorphism, Fibrinogen, and Platelet Aggregability: The Framingham Heart Study, 140
- Platelet Inhibition Reduces Cyclic Flow Variations and Neointimal Proliferation in Normal and Hypercholesterolemic-Atherosclerotic Canine Coronary Arteries, 2331
- Platelet Reactivity Characterized Prospectively: A Determinant of Outcome 90 Days After Percutaneous Coronary Intervention, 181
- Randomized Comparison of Ticlopidine and Clopidogrel After Intracoronary Stent Implantation in a Broad Patient Population, 539
- Role for Sulfatides in Platelet Aggregation, 2955
- Selective Serotonin Reuptake Inhibitors and Myocardial Infarction, 1894
- Will Diabetes Save the Platelet Blockers? 2759

Polymerase chain reaction

- Aldosterone Induces Angiotensin-Converting-Enzyme Gene Expression in Cultured Neonatal Rat Cardiocytes, 137
- Metabolic Gene Expression in Fetal and Failing Human Heart, 2923

Population

- C-Reactive Protein, Insulin Resistance, Central Obesity, and Coronary Heart Disease Risk in Indian Asians From the United Kingdom Compared With European Whites, 145
- Late Results of Pediatric Cardiac Surgery in Finland: A Population-Based Study With 96% Follow-Up, 570
- Prevention and Treatment of Coronary Heart Disease: Who Benefits? 1688

Potassium

- Activation of Barium-Sensitive Inward Rectifier Potassium Channels Mediates Remote Dilation of Coronary Arterioles, 1749
- Density and Kinetics of I_{Kr} and I_{Ks} in Guinea Pig and Rabbit Ventricular Myocytes Explain Different Efficacy of I_{Kr} Blockade at High Heart Rate in Guinea Pig and Rabbit: Implications for Arrhythmogenesis in Humans, 951

Potentials

- Imaging Dispersion of Myocardial Repolarization, I: Comparison of Body-Surface and Epicardial Measures, 1299

Imaging Dispersion of Myocardial Repolarization, II: Noninvasive Reconstruction of Epicardial Measures, 1306

PPAR- γ

In Vivo Myocardial Protection From Ischemia/Reperfusion Injury by the Peroxisome Proliferator-Activated Receptor- γ Agonist Rosiglitazone, 2588

Preconditioning

- Consequences of Brief Ischemia: Stunning, Preconditioning, and Their Clinical Implications: Part 2, 3158
- Cyclooxygenase-1 and -2 Knockout Mice Demonstrate Increased Cardiac Ischemia/Reperfusion Injury but Are Protected by Acute Preconditioning, 2453

Pregnancy

- Conceptus Radiation Dose and Risk From Cardiac Catheter Ablation Procedures, 893
- Maternal Energy Stores and Diet Composition During Pregnancy Program Adolescent Blood Pressure, 1034
- Prospective Multicenter Study of Pregnancy Outcomes in Women With Heart Disease, 515
- Sympathetic Neural Mechanisms in Normal and Hypertensive Pregnancy in Humans, 2200

Prenatal care

Birth Weight and Blood Pressure in Young Adults: A Prospective Twin Study, 1633

Pressure

- Abnormal Epicardial Coronary Resistance in Patients With Diffuse Atherosclerosis but "Normal" Coronary Angiography, 2401
- Annulus Paradoxus: Transmitral Flow Velocity to Mitral Annular Velocity Ratio Is Inversely Proportional to Pulmonary Capillary Wedge Pressure in Patients With Constrictive Pericarditis, 976
- Calcineurin Plays a Critical Role in the Development of Pressure Overload-Induced Cardiac Hypertrophy, 97
- Fractional Flow Reserve Compared With Intravascular Ultrasound Guidance for Optimizing Stent Deployment, 1917
- Fractional Flow Reserve in Patients With Prior Myocardial Infarction, 157
- Sequential Modulation of Cardiac Autonomic Control Induced by Cardiopulmonary and Arterial Baroreflex Mechanisms, 2932

Prevention

- Global Burden of Cardiovascular Diseases, Part I: General Considerations, the Epidemiologic Transition, Risk Factors, and Impact of Urbanization, 2746
- Global Burden of Cardiovascular Diseases: Part II: Variations in Cardiovascular Disease by Specific Ethnic Groups and Geographic Regions and Prevention Strategies, 2855
- Hormone Replacement Therapy and Cardiovascular Disease: A Statement for Healthcare Professionals From the American Heart Association, 499
- Improving Coronary Heart Disease Risk Assessment in Asymptomatic People: Role of Traditional Risk Factors and Noninvasive Cardiovascular Tests, 1863
- Maternal and Paternal History of Myocardial Infarction and Risk of Cardiovascular Disease in Men and Women, 393
- Preventing Heart Attack and Death in Patients With Atherosclerotic Cardiovascular Disease: 2001 Update: Consensus Panel Guide to Comprehensive Risk Reduction for Patients With Coronary and Other Atherosclerotic Vascular Disease, 1577
- Primary Prevention of Sudden Death With Implantable Defibrillator Therapy in Patients With Cardiac Disease: Can We Afford to Do It? (Can We Afford Not To?), 1564
- Reduction of Cardiovascular Risk by Regression of Electrocardiographic Markers of Left Ventricular Hypertrophy by the Angiotensin-Converting Enzyme Inhibitor Ramipril, 1615

Procalcitonin

Procalcitonin, A Donor-Specific Predictor of Early Graft Failure-Related Mortality After Heart Transplantation, 1-192

Progestin

Sex Steroids Used in Hormonal Treatment Increase Vascular Procoagulant Activity by Inducing Thrombin Receptor (PAR-1) Expression: Role of the Glucocorticoid Receptor, 2826

Prognosis

Admission Troponin T Level Predicts Clinical Outcomes, TIMI Flow, and Myocardial Tissue Perfusion After Primary Percutaneous Intervention for Acute ST-Segment Elevation Myocardial Infarction, 630

- Effect of Aging on the Prognostic Significance of Ambulatory Systolic, Diastolic, and Pulse Pressure in Essential Hypertension, 783
- Endothelial Dysfunction, Oxidative Stress, and Risk of Cardiovascular Events in Patients With Coronary Artery Disease, 2673
- Impact of Atrial Fibrillation on the Clinical Course of Hypertrophic Cardiomyopathy, 2517
- Impact of Viral and Bacterial Infectious Burden on Long-Term Prognosis in Patients With Coronary Artery Disease, 25
- Improving Coronary Heart Disease Risk Assessment in Asymptomatic People: Role of Traditional Risk Factors and Noninvasive Cardiovascular Tests, 1863
- Late Outcome After Arterial Switch Operation for Transposition of the Great Arteries, 1-121
- Left Ventricular Hypertrophy as an Independent Predictor of Acute Cerebrovascular Events in Essential Hypertension, 2039
- Long-Term Prognostic Value of Coronary Calcification Detected by Electron-Beam Computed Tomography in Patients Undergoing Coronary Angiography, 412
- Peripheral Chemoreceptor Hypersensitivity: An Ominous Sign in Patients With Chronic Heart Failure, 544
- Prediction of Long-Term Outcomes by Signal-Averaged Electrocardiography in Patients With Unsustained Ventricular Tachycardia, Coronary Artery Disease, and Left Ventricular Dysfunction, 436
- Prospective Multicenter Study of Pregnancy Outcomes in Women With Heart Disease, 515
- Regression of Left Ventricular Hypertrophy and Improved Prognosis: Some HOPE Now... or Hype? 1582
- Stroke in Relation to Cardiac Procedures in Patients With Non-ST-Elevation Acute Coronary Syndrome: A Study Involving >18 000 Patients, 269
- Unstable Coronary Plaque and Its Relation to Coronary Calcium, 1682
- Prostaglandins**
- Activation of Cardiac Endothelium as a Compensatory Component in Endotoxin-Induced Cardiomyopathy: Role of Endothelin, Prostaglandins, and Nitric Oxide, 3137
- Antithrombin III Prevents Early Pulmonary Dysfunction After Lung Transplantation in the Dog, 2975
- Cyclooxygenase-1 and -2 Knockout Mice Demonstrate Increased Cardiac Ischemia/Reperfusion Injury but Are Protected by Acute Preconditioning, 2453
- Cyclooxygenase-2 Blockade Does Not Impair Endothelial Vasodilator Function in Healthy Volunteers: Randomized Evaluation of Rofecoxib Versus Naproxen on Endothelium-Dependent Vasodilatation, 2879
- Effects of Selective Cyclooxygenase-2 Inhibition on Vascular Responses and Thrombosis in Canine Coronary Arteries, 820
- Increased Bleeding Tendency and Decreased Susceptibility to Thromboembolism in Mice Lacking the Prostaglandin E Receptor Subtype EP₃, 1176
- Mitochondrial Coupling Factor 6 Is Present on the Surface of Human Vascular Endothelial Cells and Is Released by Shear Stress, 3132
- Overexpression of Functionally Coupled Cyclooxygenase-2 and Prostaglandin E Synthase in Symptomatic Atherosclerotic Plaques as a Basis of Prostaglandin E₂-Dependent Plaque Instability, 921
- Roles of Prostaglandin I₂ and Thromboxane A₂ in Cardiac Ischemia-Reperfusion Injury: A Study Using Mice Lacking Their Respective Receptors, 2210
- Prosthesis**
- Long-Term Survival After Mitral Valve Replacement in Children Aged <5 Years: A Multi-Institutional Study, 1-143
- Protein kinase C**
- Downregulation of Protein Kinase C Inhibits Activation of Mitochondrial K_{ATP} Channels by Diazoxide, 85
- Proteins**
- Activation of Heat-Shock Factor by Stretch-Activated Channels in Rat Hearts, 209
- Altered Growth Responses of Pulmonary Artery Smooth Muscle Cells From Patients With Primary Pulmonary Hypertension to Transforming Growth Factor- β_1 and Bone Morphogenetic Proteins, 790
- Dietary Protein and Weight Reduction: A Statement for Healthcare Professionals From the Nutrition Committee of the Council on Nutrition, Physical Activity, and Metabolism of the American Heart Association, 1869
- Effects of Calcium, Inorganic Phosphate, and pH on Isometric Force in Single Skinned Cardiomyocytes From Donor and Failing Human Hearts, 1140
- Heterogeneity of Myocardial Sleeve Morphology and Gap Junctions in Canine Superior Vena Cava, 3152
- Increased Adenosine Monophosphate-Activated Protein Kinase Activity in Rat Hearts With Pressure-Overload Hypertrophy, 1664
- Patients With End-Stage Congestive Heart Failure Treated With β -Adrenergic Receptor Antagonists Have Improved Ventricular Myocyte Calcium Regulatory Protein Abundance, 1012
- Point Mutation in the Stalk of Angiotensin-Converting Enzyme Causes a Dramatic Increase in Serum Angiotensin-Converting Enzyme But No Cardiovascular Disease, 1236
- Single Oral Dose of Geranylgeranylacetone Induces Heat-Shock Protein 72 and Renders Protection Against Ischemia/Reperfusion Injury in Rat Heart, 1837
- Proteoglycans**
- Isoform-Specific Effects of Apolipoprotein E on Atherogenesis: Gene Transduction Studies in Mice, 2820
- Pulmonary autograft**
- Time Course of Aortic Valve Function and Root Dimensions After Subcoronary Ross Procedure for Bicuspid Versus Tricuspid Aortic Valve Disease, 1-21
- Pulmonary heart disease**
- Sequential Magnetic Resonance Monitoring of Pulmonary Flow With Endovascular Stents Placed Across the Pulmonary Valve in Growing Swine, 2363
- Thrombolysis in Pulmonary Embolism: A Large-Scale Clinical Trial Is Overdue, 2876
- Q**
- QT interval**
- Electrophysiological Alterations After Mechanical Circulatory Support in Patients With Advanced Cardiac Failure, 1241
- Quality of life**
- General Health Status of Children With D-Transposition of the Great Arteries After the Arterial Switch Operation, 1-138
- R**
- Radiation**
- Comparative Efficacy of γ -Irradiation for Treatment of In-Stent Restenosis in Saphenous Vein Graft Versus Native Coronary Artery In-Stent Restenosis: An Intravascular Ultrasound Study, 3020
- Radiography**
- Accurate Assessment of Patient Effective Radiation Dose and Associated Detriment Risk From Radiofrequency Catheter Ablation Procedures, 58
- Conceptus Radiation Dose and Risk From Cardiac Catheter Ablation Procedures, 893
- Investigation of Coronary Venous Anatomy by Retrograde Venography in Patients With Malignant Ventricular Tachycardia, 442
- Real-Time Quantification and Display of Skin Radiation During Coronary Angiography and Intervention, 1779
- Radioisotopes**
- "Edge Effect" of ^{32}P Radioactive Stents Is Caused by the Combination of Chronic Stent Injury and Radioactive Dose Falloff, 2236
- Failure of a Novel Balloon-Expandable γ -Emitting (^{103}Pd) Stent to Prevent Edge Effects, 2358
- Intracoronary β -Radiation Exacerbates Long-Term Neointima Formation in Balloon-Injured Pig Coronary Arteries, 2459
- Intravascular Ultrasound Assessment of the Mechanisms and Results of Brachytherapy, 1320
- New Frontiers in Interventional Cardiology: Intravascular Radiation to Prevent Restenosis, 2620
- Online Myocardial Viability Assessment in the Catheterization Laboratory via NOGA Electroanatomic Mapping: Quantitative Comparison With Thallium-201 Uptake, 1005
- Prophylaxis of Restenosis With ^{186}Re -Labeled Stents in a Rabbit Model, 480

Radiotherapy

- Serial Intravascular Ultrasound Assessment of the Efficacy of Intracoronary γ -Radiation Therapy for Preventing Recurrence in Very Long, Diffuse, In-Stent Restenosis Lesions, 856

Ramipril

- Cardioprotective Effects of Ramipril and Losartan in Right Ventricular Pressure Overload in the Rabbit: Importance of Kinins and Influence on Angiotensin II Type 1 Receptor Signaling Pathway, 939

Receptors

- Activation of Lectin-Like Oxidized Low-Density Lipoprotein Receptor-1 Induces Apoptosis in Cultured Neonatal Rat Cardiac Myocytes, 2948
- Angiotensin II Type 2 Receptor Mediates Vascular Smooth Muscle Cell Apoptosis in Cystic Medial Degeneration Associated With Marfan's Syndrome, 1-282
- Are ACE Inhibitors a "Magic Bullet" Against Oxidative Stress? 1571
- AT₂, Judgment Day: Which Angiotensin Receptor Is the Culprit in Cardiac Hypertrophy? 247
- Biomechanical Strain Induces Class A Scavenger Receptor Expression in Human Monocyte/Macrophages and THP-1 Cells: A Potential Mechanism of Increased Atherosclerosis in Hypertension, 109
- Bush Administration and the Democratic Senate Wrestle With Health Care, 244
- Cardioprotective Effects of Ramipril and Losartan in Right Ventricular Pressure Overload in the Rabbit: Importance of Kinins and Influence on Angiotensin II Type 1 Receptor Signaling Pathway, 939
- Circulating Monocyte-Platelet Aggregates Are a More Sensitive Marker of In Vivo Platelet Activation Than Platelet Surface P-Selectin: Studies in Baboons, Human Coronary Intervention, and Human Acute Myocardial Infarction, 1533
- Dissociation of Glycoprotein IIb/IIIa Antagonists From Platelets Does Not Result in Fibrinogen Binding or Platelet Aggregation, 1374
- Effects of Candesartan on Cough and Bronchial Hyperresponsiveness in Mildly to Moderately Hypertensive Patients With Symptomatic Asthma, 281
- Eptifibatide and TE3, but Not Tirofiban, Inhibit $\alpha_v\beta_3$ Integrin-Mediated Binding of Smooth Muscle Cells to Thrombospondin and Prothrombin, 582
- Isoform-Specific Effects of Apolipoprotein E on Atherogenesis: Gene Transduction Studies in Mice, 2820
- Myocardial Muscarinic Receptor Upregulation and Normal Response to Isoproterenol in Denervated Hearts by Familial Amyloid Polyneuropathy, 2911
- Roles of Angiotensin II Type 2 Receptor Stimulation Associated With Selective Angiotensin II Type 1 Receptor Blockade With Valsartan in the Improvement of Inflammation-Induced Vascular Injury, 2716
- Toll-Like Receptor-4 Is Expressed by Macrophages in Murine and Human Lipid-Rich Atherosclerotic Plaques and Upregulated by Oxidized LDL, 3103
- Tumor Necrosis Factor Antagonism With Etanercept Improves Systemic Endothelial Vasoreactivity in Patients With Advanced Heart Failure, 3023
- Vascular Hypertrophy and Increased P70S6 Kinase in Mice Lacking the Angiotensin II AT₂ Receptor, 2602

Receptors, adrenergic, alpha

- Influence of Nitric Oxide Synthase and Adrenergic Inhibition on Adenosine-Induced Myocardial Hyperemia, 2305
- Left Ventricular Muscle Mass and Elevated Heart Rate Are Associated With Coronary Plaque Disruption, 1477

Receptors, adrenergic, beta

- β -Adrenergic Receptor Blockers Restore Cardiac Calcium Release Channel (Ryanodine Receptor) Structure and Function in Heart Failure, 2843
- Expression of Inducible Nitric Oxide Synthase Depresses β -Adrenergic-Stimulated Calcium Release From the Sarcoplasmic Reticulum in Intact Ventricular Myocytes, 2961
- Mechanical Unloading Restores β -Adrenergic Responsiveness and Reverses Receptor Downregulation in the Failing Human Heart, 881
- Nonselective Versus Selective β -Adrenergic Receptor Blockade in Congestive Heart Failure: Differential Effects on Sympathetic Activity, 2194

- Polymorphism in the β_1 -Adrenergic Receptor Gene and Hypertension, 187

Receptors, virus

- Human Coxsackie-Adenovirus Receptor Is Colocalized With Integrins $\alpha_3\beta_1$ and $\alpha_5\beta_3$ on the Cardiomyocyte Sarcolemma and Upregulated in Dilated Cardiomyopathy: Implications for Cardiotropic Viral Infections, 275

Reentry

- Demonstration of the Exact Anatomic Tachycardia Circuit in the Fast-Slow Form of Atrioventricular Nodal Reentrant Tachycardia, 1268
- Relationship Between Sinus Rhythm Activation and the Reentrant Ventricular Tachycardia Isthmus, 613
- Static Relationship of Cycle Length to Reentrant Circuit Geometry, 1946

Refractoriness

- Gap Junction Blockers Decrease Defibrillation Thresholds Without Changes in Ventricular Refractoriness in Isolated Rabbit Hearts, 1544

Regional blood flow

- Limits of Detection of Regional Differences in Vasodilated Flow in Viable Myocardium by First-Pass Magnetic Resonance Perfusion Imaging, 2412
- Regional Cerebral Hyperperfusion and Nitric Oxide Pathway Dysregulation in Fabry Disease: Reversal by Enzyme Replacement Therapy, 1506

Regurgitation

- Chordal Cutting: A New Therapeutic Approach for Ischemic Mitral Regurgitation, 1958
- Does Coronary Artery Bypass Grafting Alone Correct Moderate Ischemic Mitral Regurgitation? 168
- Paradoxical Decrease in Ischemic Mitral Regurgitation With Papillary Muscle Dysfunction: Insights From Three-Dimensional and Contrast Echocardiography With Strain Rate Measurement, 1952
- Pathogenesis of Mitral Regurgitation in Tachycardia-Induced Cardiomyopathy, 1-47
- Very Long-Term Results (More Than 20 Years) of Valve Repair With Carpentier's Techniques in Nonrheumatic Mitral Valve Insufficiency, 1-8
- Very Long-Term Survival and Durability of Mitral Valve Repair for Mitral Valve Prolapse, 1-1

Rejection

- Expression of the Chemokine Receptor CXCR3 and Its Ligand IP-10 During Human Cardiac Allograft Rejection, 2558
- Inducible Nitric Oxide Synthase Inhibition of Weibel-Palade Body Release in Cardiac Transplant Rejection, 2369
- Macrophage Accumulation Associated With Rat Cardiac Allograft Rejection Detected by Magnetic Resonance Imaging With Ultrasmall Superparamagnetic Iron Oxide Particles, 934
- Reliability of Tissue Doppler Wall Motion Monitoring After Heart Transplantation for Replacement of Invasive Routine Screenings by Optimally Timed Cardiac Biopsies and Catheterizations, 1-184

Remodeling

- Activated Interstitial Myofibroblasts Express Catabolic Enzymes and Mediate Matrix Remodeling in Myxomatous Heart Valves, 2525
- Adventitial Cells Do Not Contribute to Neointimal Mass After Balloon Angioplasty of the Rat Common Carotid Artery, 1591
- Amelioration of Angiotensin II-Induced Cardiac Injury by a 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitor, 576
- Angiotensin-Converting Enzyme Inhibitor Preserves p21 and Endothelial Nitric Oxide Synthase Expression in Monocrotaline-Induced Pulmonary Arterial Hypertension in Rats, 945
- c-Jun Decreases Voltage-Gated K⁺ Channel Activity in Pulmonary Artery Smooth Muscle Cells, 1557
- Cell-Based Gene Transfer of Vascular Endothelial Growth Factor Attenuates Monocrotaline-Induced Pulmonary Hypertension, 2242
- Chordal Cutting: A New Therapeutic Approach for Ischemic Mitral Regurgitation, 1958
- Comparison of Right and Left Ventricular Responses to Left Ventricular Assist Device Support in Patients With Severe Heart Failure: A Primary Role of Mechanical Unloading Underlying Reverse Remodeling, 670

- Coordinated Adaptation of Oxygen Transport in Cardiopulmonary Disease, 963
- Downregulation of Matrix Metalloproteinases and Reduction in Collagen Damage in the Failing Human Heart After Support With Left Ventricular Assist Devices, 1147
- Dynamic Regulation of the Extracellular Matrix After Mechanical Unloading of the Failing Human Heart: Recovering the Missing Link in Left Ventricular Remodeling, 1089
- Effects of Angiotensin-Converting Enzyme Inhibition on the Development of the Atrial Fibrillation Substrate in Dogs With Ventricular Tachypacing-Induced Congestive Heart Failure, 2608
- Elevating High-Density Lipoprotein Cholesterol in Apolipoprotein E-Deficient Mice Remodels Advanced Atherosclerotic Lesions by Decreasing Macrophage and Increasing Smooth Muscle Cell Content, 2447
- Eplerenone Suppresses Constrictive Remodeling and Collagen Accumulation After Angioplasty in Porcine Coronary Arteries, 467
- Failure of a Novel Balloon-Expandable γ -Emitting (^{103}Pd) Stent to Prevent Edge Effects, 2358
- Improvement of Left Ventricular Remodeling and Function by Hydroxymethylglutaryl Coenzyme A Reductase Inhibition With Cerivastatin in Rats With Heart Failure After Myocardial Infarction, 982
- Inhibition of Collagen Synthesis With Prolyl 4-Hydroxylase Inhibitor Improves Left Ventricular Function and Alters the Pattern of Left Ventricular Dilatation After Myocardial Infarction, 2216
- Intravascular Ultrasound Assessment of the Mechanisms and Results of Brachytherapy, 1320
- Ionic Remodeling of Cardiac Purkinje Cells by Congestive Heart Failure, 2095
- Long-Term Effects of Nonselective Endothelin A and B Receptor Antagonism in Postinfarction Rat: Importance of Timing, 2075
- Molecular Basis of Downregulation of G-Protein-Coupled Inward Rectifying K^+ Current ($I_{\text{K,ACB}}$) in Chronic Human Atrial Fibrillation: Decrease in GIRK4 mRNA Correlates With Reduced $I_{\text{K,ACB}}$ and Muscarinic Receptor-Mediated Shortening of Action Potentials, 2551
- Paradoxical Decrease in Ischemic Mitral Regurgitation With Papillary Muscle Dysfunction: Insights From Three-Dimensional and Contrast Echocardiography With Strain Rate Measurement, 1952
- Passive Containment and Reverse Remodeling by a Novel Textile Cardiac Support Device, 1-270
- Perivascular Inflammation After Balloon Angioplasty of Porcine Coronary Arteries, 2228
- Roles of Angiotensin II Type 2 Receptor Stimulation Associated With Selective Angiotensin II Type 1 Receptor Blockade With Valsartan in the Improvement of Inflammation-Induced Vascular Injury, 2716
- Usefulness of Serum Carboxy-Terminal Propeptide of Procollagen Type I in Assessment of the Cardioreparative Ability of Antihypertensive Treatment in Hypertensive Patients, 286
- Renin**
- JAK/STAT Signaling Is Associated With Cardiac Dysfunction During Ischemia and Reperfusion, 325
- Reperfusion**
- Admission Troponin T Level Predicts Clinical Outcomes, TIMI Flow, and Myocardial Tissue Perfusion After Primary Percutaneous Intervention for Acute ST-Segment Elevation Myocardial Infarction, 630
- Antithrombin III Prevents Early Pulmonary Dysfunction After Lung Transplantation in the Dog, 2975
- Apoptosis of Endothelial Cells Precedes Myocyte Cell Apoptosis in Ischemia/Reperfusion Injury, 253
- Application of C1-Esterase Inhibitor During Reperfusion of Ischemic Myocardium: Dose-Related Beneficial Versus Detrimental Effects, 3125
- Consequences of Brief Ischemia: Stunning, Preconditioning, and Their Clinical Implications: Part 1, 2981
- Cyclooxygenase-1 and -2 Knockout Mice Demonstrate Increased Cardiac Ischemia/Reperfusion Injury but Are Protected by Acute Preconditioning, 2453
- Effects of Hematoctrit on Cerebral Microcirculation and Tissue Oxygenation During Deep Hypothermic Bypass, 1-260
- Heat Shock Protein 70 Gene Transfection Protects Mitochondrial and Ventricular Function Against Ischemia-Reperfusion Injury, 1-303
- Inhibition of Tumor Necrosis Factor- α Improves Postischemic Recovery of Hypertrophied Hearts, 1-350
- JAK/STAT Signaling Is Associated With Cardiac Dysfunction During Ischemia and Reperfusion, 325
- Nitroglycerin Induces Late Preconditioning Against Myocardial Infarction in Conscious Rabbits Despite Development of Nitrate Tolerance, 694
- Normal Flow (TIMI-3) Before Mechanical Reperfusion Therapy Is an Independent Determinant of Survival in Acute Myocardial Infarction: Analysis From the Primary Angioplasty in Myocardial Infarction Trials, 636
- Overexpression of Interleukin-1 Receptor Antagonist Provides Cardioprotection Against Ischemia-Reperfusion Injury Associated With Reduction in Apoptosis, 1-308
- Protection From Reperfusion Injury After Cardiac Transplantation by Inhibition of Adenosine Metabolism and Nucleotide Precursor Supply, 1-246
- Randomized Comparison of Enoxaparin, a Low-Molecular-Weight Heparin, With Unfractionated Heparin Adjunctive to Recombinant Tissue Plasminogen Activator Thrombolysis and Aspirin: Second Trial of Heparin and Aspirin Reperfusion Therapy (HART II), 648
- Roles of Prostaglandin I_2 and Thromboxane A_2 in Cardiac Ischemia-Reperfusion Injury: A Study Using Mice Lacking Their Respective Receptors, 2210
- Single Oral Dose of Geranylgeranylacetone Induces Heat-Shock Protein 72 and Renders Protection Against Ischemia/Reperfusion Injury in Rat Heart, 1837
- Time to Treatment Influences the Impact of ST-Segment Resolution on One-Year Prognosis: Insights From the Assessment of the Safety and Efficacy of a New Thrombolytic (ASSENT-2) Trial, 2653
- Upregulation of Bcl-2 Through Caspase-3 Inhibition Ameliorates Ischemia/Reperfusion Injury in Rat Cardiac Allografts, 1-202
- Ventricular Dysfunction After Cardioplegic Arrest Is Improved After Myocardial Gene Transfer of a β -Adrenergic Receptor Kinase Inhibitor, 2069
- Replacement, knee**
- Dose-Response Study of Recombinant Factor VIIa/Tissue Factor Inhibitor Recombinant Nematode Anticoagulant Protein c2 in Prevention of Postoperative Venous Thromboembolism in Patients Undergoing Total Knee Replacement, 74
- Restenosis**
- Adenovirus-Mediated Gene Transfer of a Secreted Transforming Growth Factor- β Type II Receptor Inhibits Luminal Loss and Constrictive Remodeling After Coronary Angioplasty and Enhances Adventitial Collagen Deposition, 2595
- Adventitial Cells Do Not Contribute to Neointimal Mass After Balloon Angioplasty of the Rat Common Carotid Artery, 1591
- An Iron-Binding Exochelin Prevents Restenosis Due to Coronary Artery Balloon Injury in a Porcine Model, 2222
- Apolipoprotein J/Clusterin Is Induced in Vascular Smooth Muscle Cells After Vascular Injury, 1407
- Bench to Bedside: The Development of Rapamycin and Its Application to Stent Restenosis, 852
- Clinical and Angiographic Factors Associated With Asymptomatic Restenosis After Percutaneous Coronary Intervention, 2289
- Comparative Efficacy of γ -Irradiation for Treatment of In-Stent Restenosis in Saphenous Vein Graft Versus Native Coronary Artery In-Stent Restenosis: An Intravascular Ultrasound Study, 3020
- "Edge Effect" of ^{32}P Radioactive Stents Is Caused by the Combination of Chronic Stent Injury and Radioactive Dose Falloff, 2236
- Effect of Short Pulsed Nonablative Infrared Laser Irradiation on Vascular Cells In Vitro and Neointimal Hyperplasia in a Rabbit Balloon Injury Model, 1850
- Failure of a Novel Balloon-Expandable γ -Emitting (^{103}Pd) Stent to Prevent Edge Effects, 2358
- Impact of Smoking on Clinical and Angiographic Restenosis After Percutaneous Coronary Intervention: Another Smoker's Paradox? 773
- In Vivo Blockade of Tumor Necrosis Factor- α Accelerates Functional Endothelial Recovery After Balloon Angioplasty, 1754
- Intracoronary β -Radiation Exacerbates Long-Term Neointima Formation in Balloon-Injured Pig Coronary Arteries, 2459

- Intravascular Ultrasound Assessment of the Mechanisms and Results of Brachytherapy, 1320
- Living the Dream of No Restenosis, 1996
- Neointimal Hyperplasia After Arterial Injury Is Increased in a Rat Model of Non-Insulin-Dependent Diabetes Mellitus, 815
- New Frontiers in Interventional Cardiology: Intravascular Radiation to Prevent Restenosis, 2620
- Novel Drug-Delivery Stent: Intravascular Ultrasound Observations From the First Human Experience With the QP2-Eluting Polymer Stent System, 380
- Oral Heparin Prevents Neointimal Hyperplasia After Arterial Injury: Inhibitory Potential Depends on Type of Vascular Injury, 3121
- Pathological Analysis of Local Delivery of Paclitaxel Via a Polymer-Coated Stent, 473
- Perivascular Inflammation After Balloon Angioplasty of Porcine Coronary Arteries, 2228
- Physiological Transport Forces Govern Drug Distribution for Stent-Based Delivery, 600
- Pioglitazone Enhances Cytokine-Induced Apoptosis in Vascular Smooth Muscle Cells and Reduces Intimal Hyperplasia, 455
- Plasminogen Activator Inhibitor Type 1 Increases Neointima Formation in Balloon-Injured Rat Carotid Arteries, 1972
- Platelet Reactivity Characterized Prospectively: A Determinant of Outcome 90 Days After Percutaneous Coronary Intervention, 181
- Previous Cytomegalovirus Infection and Restenosis After Coronary Stent Placement, 1135
- Prophylaxis of Restenosis With ¹⁸⁶Re-Labeled Stents in a Rabbit Model, 480
- Randomized Comparison of Coronary Stent Implantation Under Ultrasound or Angiographic Guidance to Reduce Stent Restenosis (OPTICUS Study), 1343
- Serial Intravascular Ultrasound Assessment of the Efficacy of Intracoronary γ -Radiation Therapy for Preventing Recurrence in Very Long, Diffuse, In-Stent Restenosis Lesions, 856
- Stent-Based Delivery of Sirolimus Reduces Neointimal Formation in a Porcine Coronary Model, 1188
- Stent Coating With Titanium-Nitride-Oxide for Reduction of Neointimal Hyperplasia, 928
- Stent Placement Compared With Balloon Angioplasty for Small Coronary Arteries: In-Hospital and 6-Month Clinical and Angiographic Results, 1604
- Stent Placement to Prevent Restenosis After Angioplasty in Small Coronary Arteries, 2029
- Sustained Suppression of Neointimal Proliferation by Sirolimus-Eluting Stents: One-Year Angiographic and Intravascular Ultrasound Follow-Up, 2007
- Resuscitation**
- Dispatcher-Assisted Cardiopulmonary Resuscitation and Survival in Cardiac Arrest, 2513
- Resuscitation, brain**
- Hypothermia After Cardiac Arrest: Feasibility and Safety of an External Cooling Protocol, 1799
- Revascularization**
- Autologous Endothelialized Vein Allograft: A Solution in the Search for Small-Caliber Grafts in Coronary Artery Bypass Graft Operations, 1-108
- Benefit of Bilateral Over Single Internal Mammary Artery Grafts for Multiple Coronary Artery Bypass Grafting, 2164
- Clinical and Economic Impact of Diabetes Mellitus on Percutaneous and Surgical Treatment of Multivessel Coronary Disease Patients: Insights From the Arterial Revascularization Therapy Study (ARTS) Trial, 533
- Coronary Artery Bypass With Only In Situ Bilateral Internal Thoracic Arteries and Right Gastroepiploic Artery, 1-76
- Effect of the Distal-Balloon Protection System on Microembolization During Carotid Stenting, 1999
- Effects of Ramipril on Coronary Events in High-Risk Persons: Results of the Heart Outcomes Prevention Evaluation Study, 522
- Left Mini-Thoracotomy for Beating Heart Bypass Grafting: A Safe Alternative to High-Risk Intervention for Selected Grafting of the Circumflex Artery Distribution, 1-99
- Long-Term Clinical Outcomes After Unprotected Left Main Trunk Percutaneous Revascularization in 279 Patients, 1609
- Revascularization Versus Implantable Cardioverter-Defibrillators to Prevent Sudden Death in Patients With Severe Left Ventricular Dysfunction, 1457
- Scaffold-Based Three-Dimensional Human Fibroblast Culture Provides a Structural Matrix That Supports Angiogenesis in Infarcted Heart Tissue, 2063
- Sustained Angina Relief 5 Years After Transmyocardial Laser Revascularization With a CO₂ Laser, 1-81
- Time Course of Functional Recovery of Stunned and Hibernating Segments After Surgical Revascularization, 1-314
- Rheumatic heart disease**
- Chronic Atrial Fibrillation in Patients With Rheumatic Heart Disease: Mapping and Radiofrequency Ablation of Flutter Circuits Seen at Initiation After Cardioversion, 802
- Long-Term (29 Years) Results of Reconstructive Surgery in Rheumatic Mitral Valve Insufficiency, 1-12
- Very Long-Term Results (More Than 20 Years) of Valve Repair With Carpentier's Techniques in Nonrheumatic Mitral Valve Insufficiency, 1-8
- Risk factors**
- Abnormal Longitudinal, Base-to-Apex Myocardial Perfusion Gradient by Quantitative Blood Flow Measurements in Patients With Coronary Risk Factors, 527
- Accurate Assessment of Patient Effective Radiation Dose and Associated Detriment Risk From Radiofrequency Catheter Ablation Procedures, 58
- Atherosclerosis, Autoimmunity, and Systemic Lupus Erythematosus, 1876
- Cardiac Biomarkers for Rapid Evaluation of Chest Pain, 1454
- Cardiovascular Risk Assessment Based on US Cohort Studies: Findings From a National Heart, Lung, and Blood Institute Workshop, 491
- Circulating Cell Adhesion Molecules and Death in Patients With Coronary Artery Disease, 1336
- Circulating Nonesterified Fatty Acid Level as a Predictive Risk Factor for Sudden Death in the Population, 756
- Clinical Implications for Affected Parents and Siblings of Proband With Long-QT Syndrome, 557
- Decrease in Coronary Blood Flow Reserve During Hyperlipidemia Is Secondary to an Increase in Blood Viscosity, 2704
- Exercise Standards for Testing and Training: A Statement for Healthcare Professionals From the American Heart Association, 1694
- Factors Related to Pleural Effusions After Fontan Procedure in the Era of Fenestration, 1-148
- Heart Rate Recovery Immediately After Treadmill Exercise and Left Ventricular Systolic Dysfunction as Predictors of Mortality: The Case of Stress Echocardiography, 1911
- Improving Coronary Heart Disease Risk Assessment in Asymptomatic People: Role of Traditional Risk Factors and Noninvasive Cardiovascular Tests, 1863
- Low Plasma Levels of Vitamin B₆ Are Independently Associated With a Heightened Risk of Deep-Vein Thrombosis, 2442
- Maternal and Paternal History of Myocardial Infarction and Risk of Cardiovascular Disease in Men and Women, 393
- n-3 Polyunsaturated Fatty Acids, Fish, and Nonfatal Acute Myocardial Infarction, 2269
- On Causes: Hippocrates, Aristotle, Robert Koch, and the Dread Pirate Roberts, 2509
- Platelet Glycoprotein Ib α HPA-2 Met/VNTR B Haplotype as a Genetic Predictor of Myocardial Infarction and Sudden Cardiac Death, 876
- Predictors of Outcome of Biventricular Repair in Infants With Multiple Left Heart Obstructive Lesions, 682
- Preventing Heart Attack and Death in Patients With Atherosclerotic Cardiovascular Disease: 2001 Update: Consensus Panel Guide to Comprehensive Risk Reduction for Patients With Coronary and Other Atherosclerotic Vascular Disease, 1577
- Progression of Aortic Valve Calcification: Association With Coronary Atherosclerosis and Cardiovascular Risk Factors, 1927
- Reduction of Cardiovascular Risk by Regression of Electrocardiographic Markers of Left Ventricular Hypertrophy by the Angiotensin-Converting Enzyme Inhibitor Ramipril, 1615
- Risk Factors for Cardiovascular Disease in Systemic Lupus Erythematosus, 1887

- Simple Bedside Additive Tool for Prediction of In-Hospital Mortality After Percutaneous Coronary Interventions, 263
- Soluble CD40L and Cardiovascular Risk in Women, 2266
- Stroke in Relation to Cardiac Procedures in Patients With Non-ST-Elevation Acute Coronary Syndrome: A Study Involving >18 000 Patients, 269
- Taurine Prevents the Decrease in Expression and Secretion of Extracellular Superoxide Dismutase Induced by Homocysteine: Amelioration of Homocysteine-Induced Endoplasmic Reticulum Stress by Taurine, 1165
- The Time Has Come to Stop Letting the HERS Tale Wag the Dogma, 2256
- Treatment of Isolated Systolic Hypertension Is Most Effective in Older Patients With High-Risk Profile, 1923
- Unstable Coronary Plaque and Its Relation to Coronary Calcium, 1682
- Volume-Outcome Relation for Physicians and Hospitals Performing Angioplasty for Acute Myocardial Infarction in New York State, 2171
- Warning Signs of a Heart Attack, 1212
- Robotics**
- Development of Robotic Enhanced Endoscopic Surgery for the Treatment of Coronary Artery Disease, 1-102
- Rofecoxib**
- Cardiovascular Thrombotic Events in Controlled, Clinical Trials of Rofecoxib, 2280
- Rosiglitazone**
- In Vivo Myocardial Protection From Ischemia/Reperfusion Injury by the Peroxisome Proliferator-Activated Receptor- γ Agonist Rosiglitazone, 2588
- S**
- Sarcoplasmic reticulum**
- β -Adrenergic Receptor Blockers Restore Cardiac Calcium Release Channel (Ryanodine Receptor) Structure and Function in Heart Failure, 2843
- Expression of Inducible Nitric Oxide Synthase Depresses β -Adrenergic-Stimulated Calcium Release From the Sarcoplasmic Reticulum in Intact Ventricular Myocytes, 2961
- Patients With End-Stage Congestive Heart Failure Treated With β -Adrenergic Receptor Antagonists Have Improved Ventricular Myocyte Calcium Regulatory Protein Abundance, 1012
- Reduced Myocardial Sarcoplasmic Reticulum Ca^{2+} -ATPase mRNA Expression and Biphasic Force-Frequency Relations in Patients With Hypertrophic Cardiomyopathy, 658
- Reduced Sarcoplasmic Reticulum Ca^{2+} Uptake Activity Can Account for the Reduced Response to NO, but Not Sodium Nitroprusside, In Hypercholesterolemic Rabbit Aorta, 1040
- Scintigraphy**
- Fractional Flow Reserve in Patients With Prior Myocardial Infarction, 157
- Online Myocardial Viability Assessment in the Catheterization Laboratory via NOGA Electroanatomic Mapping: Quantitative Comparison With Thallium-201 Uptake, 1005
- Selectins**
- Inducible Nitric Oxide Synthase Inhibition of Weibel-Palade Body Release in Cardiac Transplant Rejection, 2369
- Role for Sulfatides in Platelet Aggregation, 2955
- Serotonin uptake inhibitors**
- Selective Serotonin Reuptake Inhibitors and Myocardial Infarction, 1894
- Sex**
- Clinical Correlates and Reference Intervals for Pulmonary Artery Systolic Pressure Among Echocardiographically Normal Subjects, 2797
- Clinical Implications for Affected Parents and Siblings of Proband With Long-QT Syndrome, 557
- 17 β -Estradiol Attenuates the Development of Pressure-Overload Hypertrophy, 1419
- Gender Influences $[\text{Ca}^{2+}]_i$ During Metabolic Inhibition in Myocytes Overexpressing the $\text{Na}^+-\text{Ca}^{2+}$ Exchanger, 2101
- Matters of Sex: Sex Matters, 1333
- Out-of-Hospital Cardiac Arrest in Men and Women, 2699
- Sex-Based Differences in Early Mortality of Patients Undergoing Primary Angioplasty for First Acute Myocardial Infarction, 3034
- Sexual Dimorphism in the Electrocardiographic Dynamics of Human Ventricular Repolarization: Characterization in True Time Domain, 32
- Shock**
- Activated Protein C Prevents Endotoxin-Induced Hypotension in Rats by Inhibiting Excessive Production of Nitric Oxide, 1171
- Reversal of Cardiogenic Shock by Percutaneous Left Atrial-to-Femoral Arterial Bypass Assistance, 2917
- Shunts**
- Development and Testing of the Helix Septal Occluder, a New Expanded Polytetrafluoroethylene Atrial Septal Defect Occlusion System, 711
- Signal transduction**
- Activation of Signal Transducer and Activator of Transcription 3 Protects Cardiomyocytes from Hypoxia/Reoxygenation-Induced Oxidative Stress Through the Upregulation of Manganese Superoxide Dismutase, 979
- Akt Activation Preserves Cardiac Function and Prevents Injury After Transient Cardiac Ischemia In Vivo, 330
- Augmentation of Cardiac Contractility Mediated by the Human β_3 -Adrenergic Receptor Overexpressed in the Hearts of Transgenic Mice, 2485
- Bench to Bedside: The Development of Rapamycin and Its Application to Stent Restenosis, 852
- Cardiac Gene Delivery With Cardiopulmonary Bypass, 131
- Differential Regulation of Mitogen-Activated Protein Kinases in the Failing Human Heart in Response to Mechanical Unloading, 2273
- Hypertensive End-Organ Damage and Premature Mortality Are p38 Mitogen-Activated Protein Kinase-Dependent in a Rat Model of Cardiac Hypertrophy and Dysfunction, 1292
- In Cardiomyocyte Hypoxia, Insulin-Like Growth Factor-I-Induced Antiapoptotic Signaling Requires Phosphatidylinositol-3-OH-Kinase-Dependent and Mitogen-Activated Protein Kinase-Dependent Activation of the Transcription Factor cAMP Response Element-Binding Protein, 2088
- JAK/STAT Signaling Is Associated With Cardiac Dysfunction During Ischemia and Reperfusion, 325
- p160 Bcr Mediates Platelet-Derived Growth Factor Activation of Extracellular Signal-Regulated Kinase in Vascular Smooth Muscle Cells, 1399
- Single Oral Dose of Geranylgeranylacetone Induces Heat-Shock Protein 72 and Renders Protection Against Ischemia/Reperfusion Injury in Rat Heart, 1837
- Ventricular Dysfunction After Cardioplegic Arrest Is Improved After Myocardial Gene Transfer of a β -Adrenergic Receptor Kinase Inhibitor, 2069
- Sildenafil**
- Effect of Inhaled Iloprost Plus Oral Sildenafil in Patients With Primary Pulmonary Hypertension, 1218
- Simvastatin**
- Simvastatin Induces Regression of Cardiac Hypertrophy and Fibrosis and Improves Cardiac Function in a Transgenic Rabbit Model of Human Hypertrophic Cardiomyopathy, 317
- Sirolimus**
- Stent-Based Delivery of Sirolimus Reduces Neointimal Formation in a Porcine Coronary Model, 1188
- Smoking**
- Dysfunctional Endothelial Nitric Oxide Biosynthesis in Healthy Smokers With Impaired Endothelium-Dependent Vasodilatation, 1905
- Impact of Smoking on Clinical and Angiographic Restenosis After Percutaneous Coronary Intervention: Another Smoker's Paradox? 773
- Nicotine Does Not Influence Arterial Lipid Deposits in Rabbits Exposed to Second-Hand Smoke, 810
- Sodium**
- Cardiac Sodium Channel Gene Mutations and Sudden Infant Death Syndrome: Confirmation of Proof of Concept? 1092
- De Novo Mutation in the *SCN5A* Gene Associated With Early Onset of Sudden Infant Death, 1158
- Gender Influences $[\text{Ca}^{2+}]_i$ During Metabolic Inhibition in Myocytes Overexpressing the $\text{Na}^+-\text{Ca}^{2+}$ Exchanger, 2101
- Ionic Mechanism of Delayed Afterdepolarizations in Ventricular Cells Isolated From Human End-Stage Failing Hearts, 2728

Sodium-calcium exchanger

Patients With End-Stage Congestive Heart Failure Treated With β -Adrenergic Receptor Antagonists Have Improved Ventricular Myocyte Calcium Regulatory Protein Abundance, 1012

Sodium-hydrogen antiporter

Successful Ventricular Defibrillation by the Selective Sodium-Hydrogen Exchanger Isoform-1 Inhibitor Cariporide, 234

Solitary nucleus

Central Hypotensive Action of Clonidine Requires Nitric Oxide, 1884

Spectroscopy

Chronic Phosphocreatine Depletion by the Creatine Analogue β -Guanidinopropionate Is Associated With Increased Mortality and Loss of ATP in Rats After Myocardial Infarction, 1844

Statins

Amelioration of Angiotensin II-Induced Cardiac Injury by a 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitor, 576

Effect of Hydroxymethylglutaryl Coenzyme A Reductase Inhibitors on the Progression of Calcific Aortic Stenosis, 2205

Influence of Low High-Density Lipoprotein Cholesterol and Elevated Triglyceride on Coronary Heart Disease Events and Response to Simvastatin Therapy in 4S, 3046

Prevention and Treatment of Coronary Heart Disease: Who Benefits? 1688

Stenosis

Are Outcomes of Surgical Versus Transcatheter Balloon Valvotomy Equivalent in Neonatal Critical Aortic Stenosis? 1152

Effect of Hydroxymethylglutaryl Coenzyme A Reductase Inhibitors on the Progression of Calcific Aortic Stenosis, 2205

Regression of Left Ventricular Hypertrophy After Surgical Therapy for Aortic Stenosis Is Associated With Changes in Extracellular Matrix Gene Expression, 1-54

Stents

Balloon-Protected Carotid Artery Stenting: Relationship of Periprocedural Neurological Complications With the Size of Particulate Debris, 2791

Bench to Bedside: The Development of Rapamycin and Its Application to Stent Restenosis, 852

β -Blockers Before Percutaneous Coronary Intervention Do Not Attenuate Postprocedural Creatine Kinase Isoenzyme Rise, 2685

Cerebral Protection With Filter Devices During Carotid Artery Stenting, 12

Clinical and Angiographic Factors Associated With Asymptomatic Restenosis After Percutaneous Coronary Intervention, 2289

Comparative Efficacy of γ -Irradiation for Treatment of In-Stent Restenosis in Saphenous Vein Graft Versus Native Coronary Artery In-Stent Restenosis: An Intravascular Ultrasound Study, 3020

Cost-Effectiveness of Coronary Stenting in Acute Myocardial Infarction: Results From the Stent Primary Angioplasty in Myocardial Infarction (Stent-PAMI) Trial, 3039

Differential Impact on Survival of Electrocardiographic Q-Wave Versus Enzymatic Myocardial Infarction After Percutaneous Intervention: A Device-Specific Analysis of 7147 Patients, 642

"Edge Effect" of ^{32}P Radioactive Stents Is Caused by the Combination of Chronic Stent Injury and Radioactive Dose Falloff, 2236

Effect of the Distal-Balloon Protection System on Microembolization During Carotid Stenting, 1999

Failure of a Novel Balloon-Expandable γ -Emitting (^{103}Pd) Stent to Prevent Edge Effects, 2358

Fractional Flow Reserve Compared With Intravascular Ultrasound Guidance for Optimizing Stent Deployment, 1917

Impact of Smoking on Clinical and Angiographic Restenosis After Percutaneous Coronary Intervention: Another Smoker's Paradox? 773

Importance of TIMI 3 Flow, 624

Incremental Prognostic Value of Elevated Baseline C-Reactive Protein Among Established Markers of Risk in Percutaneous Coronary Intervention, 992

Intravascular Ultrasound Assessment of the Mechanisms and Results of Brachytherapy, 1320

Living the Dream of No Restenosis, 1996

Long-Term Clinical Outcomes After Unprotected Left Main Trunk Percutaneous Revascularization in 279 Patients, 1609

New Frontiers in Interventional Cardiology: Intravascular Radiation to Prevent Restenosis, 2620

Novel Drug-Delivery Stent: Intravascular Ultrasound Observations From the First Human Experience With the QP2-Eluting Polymer Stent System, 380

Oral Heparin Prevents Neointimal Hyperplasia After Arterial Injury: Inhibitory Potential Depends on Type of Vascular Injury, 3121

Pathological Analysis of Local Delivery of Paclitaxel Via a Polymer-Coated Stent, 473

Pharmacodynamics and Pharmacokinetics of Higher-Dose, Double-Bolus Eptifibatide in Percutaneous Coronary Intervention, 406

Physiological Transport Forces Govern Drug Distribution for Stent-Based Delivery, 600

Previous Cytomegalovirus Infection and Restenosis After Coronary Stent Placement, 1135

Prophylaxis of Restenosis With ^{186}Re -Labeled Stents in a Rabbit Model, 480

Randomized Comparison of Coronary Stent Implantation Under Ultrasound or Angiographic Guidance to Reduce Stent Restenosis (OPTICUS Study), 1343

Randomized Comparison of Ticlopidine and Clopidogrel After Intracoronary Stent Implantation in a Broad Patient Population, 539

Sequential Magnetic Resonance Monitoring of Pulmonary Flow With Endovascular Stents Placed Across the Pulmonary Valve in Growing Swine, 2363

Stent-Based Delivery of Sirolimus Reduces Neointimal Formation in a Porcine Coronary Model, 1188

Stent Coating With Titanium-Nitride-Oxide for Reduction of Neointimal Hyperplasia, 928

Stent Placement Compared With Balloon Angioplasty for Small Coronary Arteries: In-Hospital and 6-Month Clinical and Angiographic Results, 1604

Stent Placement to Prevent Restenosis After Angioplasty in Small Coronary Arteries, 2029

Sustained Suppression of Neointimal Proliferation by Sirolimus-Eluting Stents: One-Year Angiographic and Intravascular Ultrasound Follow-Up, 2007

Troponins, Necrosettes, Enzyme Leaks, Creatinine Phosphokinase Bumps, and Infarctlets: What's Behind This New Lexicon and What Does It Add? 627

Strain

Biomechanical Strain Induces Class A Scavenger Receptor Expression in Human Monocyte/Macrophages and THP-1 Cells: A Potential Mechanism of Increased Atherosclerosis in Hypertension, 109

Stress

Exercise Standards for Testing and Training: A Statement for Healthcare Professionals From the American Heart Association, 1694

Noninvasive Quantification of the Contractile Reserve of Stunned Myocardium by Ultrasonic Strain Rate and Strain, 1059

Peroxisome Proliferator-Activated Receptor γ Activators Inhibit Cardiac Hypertrophy in Cardiac Myocytes, 1670

Reducing Emotional Distress Improves Prognosis in Coronary Heart Disease: 9-Year Mortality in a Clinical Trial of Rehabilitation, 2018

Shear-Stress and Wall-Stress Regulation of Vascular Remodeling After Balloon Angioplasty: Effect of Matrix Metalloproteinase Inhibition, 91

Stretch

Activation of Heat-Shock Factor by Stretch-Activated Channels in Rat Hearts, 209

Stroke

Are ACE Inhibitors a "Magic Bullet" Against Oxidative Stress? 1571

Expression of Interleukin-18 in Human Atherosclerotic Plaques and Relation to Plaque Instability, 1598

Hypertensive End-Organ Damage and Premature Mortality Are p38 Mitogen-Activated Protein Kinase-Dependent in a Rat Model of Cardiac Hypertrophy and Dysfunction, 1292

Left Ventricular Hypertrophy as an Independent Predictor of Acute Cerebrovascular Events in Essential Hypertension, 2039

Platelet Collagen Receptors and Risk Prediction in Stroke and Coronary Artery Disease, 1451

Stroke in Relation to Cardiac Procedures in Patients With Non-ST-Elevation Acute Coronary Syndrome: A Study Involving >18 000 Patients, 269

Ultrasonic Echolucent Carotid Plaques Predict Future Strokes, 68

Structure

- Mitochondrial Abnormalities in Tumor Necrosis Factor- α -Induced Heart Failure Are Associated With Impaired DNA Repair Activity, 2492

Stunning

- Consequences of Brief Ischemia: Stunning, Preconditioning, and Their Clinical Implications: Part 1, 2981

Sudden infant death

- Cardiac Sodium Channel Gene Mutations and Sudden Infant Death Syndrome: Confirmation of Proof of Concept? 1092

Sulfoglycosphingolipids

- Role for Sulfatides in Platelet Aggregation, 2955

Superoxide

- Genetic Demonstration of p47phox-Dependent Superoxide Anion Production in Murine Vascular Smooth Muscle Cells, 79
- Nitric Oxide Synthase (nNOS) Gene Transfer Modifies Venous Bypass Graft Remodeling: Effects on Vascular Smooth Muscle Cell Differentiation and Superoxide Production, 1526

Surgery

- All-Blood (Miniplegia) Versus Dilute Cardioplegia in Experimental Surgical Revascularization of Evolving Infarction, 1-296
- Anterior Chordal Transection Impairs Not Only Regional Left Ventricular Function But Also Regional Right Ventricular Function in Mitral Regurgitation, 1-41
- Aprotinin But Not ϵ -Aminocaproic Acid Decreases Interleukin-10 After Cardiac Surgery With Extracorporeal Circulation: Randomized, Double-Blind, Placebo-Controlled Study in Patients Receiving Aprotinin and ϵ -Aminocaproic Acid, 1-265
- Are Outcomes of Surgical Versus Transcatheter Balloon Valvotomy Equivalent in Neonatal Critical Aortic Stenosis? 1152
- Clinical and Angiographic Effects of Chronic Calcium Channel Blocker Therapy Continued Beyond First Postoperative Year in Patients With Radial Artery Grafts: Results of a Prospective Randomized Investigation, 1-64
- Coronary Artery Bypass With Only In Situ Bilateral Internal Thoracic Arteries and Right Gastroepiploic Artery, 1-76
- Development of Robotic Enhanced Endoscopic Surgery for the Treatment of Coronary Artery Disease, 1-102
- Does Coronary Artery Bypass Grafting Alone Correct Moderate Ischemic Mitral Regurgitation? 1-68
- Does Histocompatibility Affect Homograft Valve Function After the Ross Procedure? 1-25
- Dynamic Regulation of the Extracellular Matrix After Mechanical Unloading of the Failing Human Heart: Recovering the Missing Link in Left Ventricular Remodeling, 1089
- Early Outcome After Off-Pump Versus On-Pump Coronary Bypass Surgery: Results From a Randomized Study, 1761
- General Health Status of Children With D-Transposition of the Great Arteries After the Arterial Switch Operation, 1-138
- Incidence, Location, Pathology, and Significance of Pulmonary Homograft Stenosis After the Ross Operation, 1-16
- Influence of Atrial Fibrillation on Outcome Following Mitral Valve Repair, 1-59
- Initial Effects of the Left Ventricular Repair by Plication May Not Last Long in a Rat Ischemic Cardiomyopathy Model, 1-241
- Late Outcome After Arterial Switch Operation for Transposition of the Great Arteries, 1-121
- Late Results of Pediatric Cardiac Surgery in Finland: A Population-Based Study With 96% Follow-Up, 570
- Left Mini-Thoracotomy for Beating Heart Bypass Grafting: A Safe Alternative to High-Risk Intervention for Selected Grafting of the Circumflex Artery Distribution, 1-99
- Long-Term (29 Years) Results of Reconstructive Surgery in Rheumatic Mitral Valve Insufficiency, 1-12
- Modified Ultrafiltration Reduces Morbidity After Adult Cardiac Operations: A Prospective, Randomized Clinical Trial, 1-253
- Multimodal Fetal Transesophageal Echocardiography for Fetal Cardiac Intervention in Sheep, 1757
- Off-Pump Coronary Bypass Surgery: In Search of an Identity, 1743
- Posterior Pericardial Ascending-to-Descending Aortic Bypass: An Alternative Surgical Approach for Complex Coarctation of the Aorta, 1-133
- Relationship Between Early Diastolic Intraventricular Pressure Gradients, an Index of Elastic Recoil, and Improvements in Systolic and Diastolic Function, 1-330

- Staged Repair of Extensive Aortic Aneurysms: Morbidity and Mortality in the Elephant Trunk Technique, 2938

- Surgical Management of Left-Sided Carcinoid Heart Disease, 1-36

- Tibioperoneal (Outflow Lesion) Angioplasty Can Be Used as Primary Treatment in 235 Patients With Critical Limb Ischemia: Five-Year Follow-Up, 2057

- Very Long-Term Results (More Than 20 Years) of Valve Repair With Carpentier's Techniques in Nonrheumatic Mitral Valve Insufficiency, 1-8

- Very Long-Term Survival and Durability of Mitral Valve Repair for Mitral Valve Prolapse, 1-1

Survival

- Angiotensin II Type 1 Receptor Blockade Prevents Lethal Malignant Hypertension: Relation to Kidney Inflammation, 1436
- Circulating Cell Adhesion Molecules and Death in Patients With Coronary Artery Disease, 1336
- Hormone Therapy and In-Hospital Survival After Myocardial Infarction in Postmenopausal Women, 2300
- Late Results of Pediatric Cardiac Surgery in Finland: A Population-Based Study With 96% Follow-Up, 570
- Long-Term Effects of Nonselective Endothelin A and B Receptor Antagonism in Postinfarction Rat: Importance of Timing, 2075
- Long-Term Survival After Mitral Valve Replacement in Children Aged <5 Years: A Multi-Institutional Study, 1-143
- Normal Flow (TIMI-3) Before Mechanical Reperfusion Therapy Is an Independent Determinant of Survival in Acute Myocardial Infarction: Analysis From the Primary Angioplasty in Myocardial Infarction Trials, 636
- Sex-Based Differences in Early Mortality of Patients Undergoing Primary Angioplasty for First Acute Myocardial Infarction, 3034
- Trends in Acute Coronary Heart Disease Mortality, Morbidity, and Medical Care From 1985 Through 1997: The Minnesota Heart Survey, 19

Syncope

- Cerebral Autoregulatory Responses to Head-Up Tilt in Normal Subjects and Patients With Recurrent Vasovagal Syncope, 898
- Cerebral Vasoconstriction in Vasovagal Syncope: Any Link With Symptoms? A Transcranial Doppler Study, 2694
- Mechanism of Syncope in Patients With Bundle Branch Block and Negative Electrophysiological Test, 2045
- Mechanism of Syncope in Patients With Isolated Syncope and in Patients With Tilt-Positive Syncope, 1261
- Permanent Cardiac Pacing Versus Medical Treatment for the Prevention of Recurrent Vasovagal Syncope: A Multicenter, Randomized, Controlled Trial, 52
- Predisposition to Vasovagal Syncope in Subjects With Blood/Injury Phobia, 903
- Randomized Assessment of Syncope Trial: Conventional Diagnostic Testing Versus a Prolonged Monitoring Strategy, 46
- Syncope Evaluation at a Crossroad: For Which Patients? 7

Systole

- Tissue Doppler Imaging Consistently Detects Myocardial Abnormalities in Patients With Hypertrophic Cardiomyopathy and Provides a Novel Means for an Early Diagnosis Before and Independently of Hypertrophy, 128

T**Tachyarrhythmias**

- Atrial Therapies Reduce Atrial Arrhythmia Burden in Defibrillator Patients, 1023
- Catheter Ablation in Patients With Multiple and Unstable Ventricular Tachycardias After Myocardial Infarction: Short Ablation Lines Guided by Reentry Circuit Isthmuses and Sinus Rhythm Mapping, 664
- Efficacy of Dofetilide in the Treatment of Atrial Fibrillation-Flutter in Patients With Reduced Left Ventricular Function: A Danish Investigations of Arrhythmia and Mortality ON Dofetilide (DIAMOND) Substudy, 292
- Efficacy of Pacing Therapies for Treating Atrial Tachyarrhythmias in Patients With Ventricular Arrhythmias Receiving a Dual-Chamber Implantable Cardioverter Defibrillator, 887
- Inflammatory Left Ventricular Microaneurysms as a Cause of Apparently Idiopathic Ventricular Tachyarrhythmias, 168

- Mechanoelectrical Feedback: Role of β -Adrenergic Receptor Activation in Mediating Load-Dependent Shortening of Ventricular Action Potential and Refractoriness, 486
- Tachycardia**
- Conceptus Radiation Dose and Risk From Cardiac Catheter Ablation Procedures, 893
 - Investigation of Coronary Venous Anatomy by Retrograde Venography in Patients With Malignant Ventricular Tachycardia, 442
 - Mechanoelectrical Feedback: Role of β -Adrenergic Receptor Activation in Mediating Load-Dependent Shortening of Ventricular Action Potential and Refractoriness, 486
 - Shock Reduction Using Antitachycardia Pacing for Spontaneous Rapid Ventricular Tachycardia in Patients With Coronary Artery Disease, 796
 - Static Relationship of Cycle Length to Reentrant Circuit Geometry, 1946
- Tea**
- Short- and Long-Term Black Tea Consumption Reverses Endothelial Dysfunction in Patients With Coronary Artery Disease, 151
- Tests**
- Circulating Monocyte-Platelet Aggregates Are a More Sensitive Marker of In Vivo Platelet Activation Than Platelet Surface P-Selectin: Studies in Baboons, Human Coronary Intervention, and Human Acute Myocardial Infarction, 1533
 - Randomized Assessment of Syncope Trial: Conventional Diagnostic Testing Versus a Prolonged Monitoring Strategy, 46
- Tetrahydrobiopterin**
- Folate and Nitrate-Induced Endothelial Dysfunction: A Simple Treatment for a Complex Pathobiology, 1086
- Tetralogy of Fallot**
- NKX2.5 Mutations in Patients With Tetralogy of Fallot, 2565
- Thermomodulation**
- Coronary Thermomodulation to Assess Flow Reserve: Experimental Validation, 2003
- Thrombin**
- Antithrombin III Prevents Early Pulmonary Dysfunction After Lung Transplantation in the Dog, 2975
 - Eptifibatide and 7E3, but Not Tirofiban, Inhibit $\alpha_v\beta_3$ Integrin-Mediated Binding of Smooth Muscle Cells to Thrombospondin and Prothrombin, 582
 - PI^{A2} Polymorphism of β_3 Integrins Is Associated With Enhanced Thrombin Generation and Impaired Antithrombotic Action of Aspirin at the Site of Microvascular Injury, 2666
 - Sex Steroids Used in Hormonal Treatment Increase Vascular Procoagulant Activity by Inducing Thrombin Receptor (PAR-1) Expression: Role of the Glucocorticoid Receptor, 2826
- Thrombocytopenia**
- Abciximab Readministration: Results of the ReoPro Readministration Registry, 870
- Thrombolysis**
- Comparison of Use of Medications After Acute Myocardial Infarction in the Veterans Health Administration and Medicare, 2898
 - Importance of TIMI 3 Flow, 624
 - Randomized Comparison of Enoxaparin, a Low-Molecular-Weight Heparin, With Unfractionated Heparin Adjunctive to Recombinant Tissue Plasminogen Activator Thrombolysis and Aspirin: Second Trial of Heparin and Aspirin Reperfusion Therapy (HART II), 648
 - Thrombolysis in Pulmonary Embolism: A Large-Scale Clinical Trial Is Overdue, 2876
- Thrombosis**
- Alcohol Consumption and Hemostatic Factors: Analysis of the Framingham Offspring Cohort, 1367
 - Circulating Cell Adhesion Molecules and Death in Patients With Coronary Artery Disease, 1336
 - Current Concepts of the Pathogenesis of the Acute Coronary Syndromes, 365
 - Dose-Response Study of Recombinant Factor VIIa/Tissue Factor Inhibitor Recombinant Nematode Anticoagulant Protein c2 in Prevention of Postoperative Venous Thromboembolism in Patients Undergoing Total Knee Replacement, 74
 - Effects of Selective Cyclooxygenase-2 Inhibition on Vascular Responses and Thrombosis in Canine Coronary Arteries, 820
 - Increased Bleeding Tendency and Decreased Susceptibility to Thromboembolism in Mice Lacking the Prostaglandin E Receptor Subtype EP₃, 1176
 - Intraplatelet Tetrahydrobiopterin Plays an Important Role in Regulating Canine Coronary Arterial Thrombosis by Modulating Intraplatelet Nitric Oxide and Superoxide Generation, 2478
 - Low Plasma Levels of Vitamin B₆ Are Independently Associated With a Heightened Risk of Deep-Vein Thrombosis, 2442
 - Oral Anticoagulation Thresholds, 2311
 - Platelet Glycoprotein Iba HPA-2 Met/VNTR B Haplotype as a Genetic Predictor of Myocardial Infarction and Sudden Cardiac Death, 876
 - Randomized Comparison of Ticlopidine and Clopidogrel After Intracoronary Stent Implantation in a Broad Patient Population, 539
 - Sex Steroids Used in Hormonal Treatment Increase Vascular Procoagulant Activity by Inducing Thrombin Receptor (PAR-1) Expression: Role of the Glucocorticoid Receptor, 2826
- Thromboxane**
- Increased Bleeding Tendency and Decreased Susceptibility to Thromboembolism in Mice Lacking the Prostaglandin E Receptor Subtype EP₃, 1176
 - Lipid Peroxidation and Platelet Activation in Murine Atherosclerosis, 1940
 - Oxidative Stress and Platelet Activation in Homozygous Homocystinuria, 1124
 - Roles of Prostaglandin I₂ and Thromboxane A₂ in Cardiac Ischemia-Reperfusion Injury: A Study Using Mice Lacking Their Respective Receptors, 2210
- Thrombus**
- Thrombolysis in Pulmonary Embolism: A Large-Scale Clinical Trial Is Overdue, 2876
- Thyroid**
- Impact of Hyperthyroidism and Its Correction on Vascular Reactivity in Humans, 3076
- Tissue factor**
- Sex Steroids Used in Hormonal Treatment Increase Vascular Procoagulant Activity by Inducing Thrombin Receptor (PAR-1) Expression: Role of the Glucocorticoid Receptor, 2826
- Titanium-nitride-oxide**
- Stent Coating With Titanium-Nitride-Oxide for Reduction of Neointimal Hyperplasia, 928
- Tomography**
- Abnormal Longitudinal, Base-to-Apex Myocardial Perfusion Gradient by Quantitative Blood Flow Measurements in Patients With Coronary Risk Factors, 527
 - Regional Cerebral Hyperperfusion and Nitric Oxide Pathway Dysregulation in Fabry Disease: Reversal by Enzyme Replacement Therapy, 1506
- Transcription factors**
- c-Jun Decreases Voltage-Gated K⁺ Channel Activity in Pulmonary Artery Smooth Muscle Cells, 1557
- Transduction**
- Genetic Demonstration of p47phox-Dependent Superoxide Anion Production in Murine Vascular Smooth Muscle Cells, 79
- Transplantation**
- Antithrombin III Prevents Early Pulmonary Dysfunction After Lung Transplantation in the Dog, 2975
 - Autologous Endothelialized Vein Allograft: A Solution in the Search for Small-Caliber Grafts in Coronary Artery Bypass Graft Operations, 1-108
 - Cardiac Hypertrophy After Transplantation Is Associated With Persistent Expression of Tumor Necrosis Factor- α , 676
 - Cell Transplantation for the Treatment of Acute Myocardial Infarction Using Vascular Endothelial Growth Factor-Expressing Skeletal Myoblasts, 1-207
 - Coronary Endothelial Dysfunction After Heart Transplantation Predicts Allograft Vasculopathy and Cardiac Death, 3091
 - Differential Characteristics of Neural Circulatory Control: Early Versus Late After Cardiac Transplantation, 1809
 - Does Histocompatibility Affect Homograft Valve Function After the Ross Procedure? 125
 - Enhanced Myocardial Angiogenesis by Gene Transfer With Transplanted Cells, 1-218
 - Evidence of Functional Myocardial Ischemia Associated With Myocardial Dysfunction in Brain-Dead Pigs, 1-197

- Expression of Endomyocardial Nitric Oxide Synthase and Coronary Endothelial Function in Human Cardiac Allografts, I-336
- Expression of the Chemokine Receptor CXCR3 and Its Ligand IP-10 During Human Cardiac Allograft Rejection, 2558
- Heat Shock Protein 70 Gene Transfection Protects Mitochondrial and Ventricular Function Against Ischemia-Reperfusion Injury, I-303
- Implantation of Bone Marrow Mononuclear Cells Into Ischemic Myocardium Enhances Collateral Perfusion and Regional Function via Side Supply of Angioblasts, Angiogenic Ligands, and Cytokines, 1046
- Improvement in Hypertension in Patients With Diabetes Mellitus After Kidney/Pancreas Transplantation, 563
- Increased Prevalence of Autoimmune Phenomena and Greater Risk for Alloreactivity in Female Heart Transplant Recipients, I-177
- Independent Association Between Plasma Leptin Levels and Heart Rate in Heart Transplant Recipients, 384
- Inducible Nitric Oxide Synthase Inhibition of Weibel-Palade Body Release in Cardiac Transplant Rejection, 2369
- Intracoronary Infusion of Skeletal Myoblasts Improves Cardiac Function in Doxorubicin-Induced Heart Failure, I-213
- Is Skeletal Myoblast Transplantation Clinically Relevant in the Era of Angiotensin-Converting Enzyme Inhibitors? I223
- Lumen Loss in Transplant Coronary Artery Disease Is a Biphasic Process Involving Early Intimal Thickening and Late Constrictive Remodeling: Results From a 5-Year Serial Intravascular Ultrasound Study, 653
- Macrophage Accumulation Associated With Rat Cardiac Allograft Rejection Detected by Magnetic Resonance Imaging With Ultrasmall Superparamagnetic Iron Oxide Particles, 934
- Procalcitonin, A Donor-Specific Predictor of Early Graft Failure-Related Mortality After Heart Transplantation, I-192
- Protection From Reperfusion Injury After Cardiac Transplantation by Inhibition of Adenosine Metabolism and Nucleotide Precursor Supply, I-246
- Reliability of Tissue Doppler Wall Motion Monitoring After Heart Transplantation for Replacement of Invasive Routine Screenings by Optimally Timed Cardiac Biopsies and Catheterizations, I-184
- Survival Benefit of the Implantable Cardioverter-Defibrillator in Patients on the Waiting List for Cardiac Transplantation, I-171
- Transplant Coronary Artery Disease: A Novel Model Independent of Cellular Alloimmune Response, 2615
- Upregulation of Bcl-2 Through Caspase-3 Inhibition Ameliorates Ischemia/Reperfusion Injury in Rat Cardiac Allografts, I-202
- Transposition of great vessels**
- Complete Transposition of the Great Arteries: Patterns of Congenital Heart Disease in Familial Prevalence, 2809
- General Health Status of Children With D-Transposition of the Great Arteries After the Arterial Switch Operation, I-138
- Late Outcome After Arterial Switch Operation for Transposition of the Great Arteries, I-121
- Treatment**
- Timing Is Everything: Motivating Patients to Call 9-1-1 at Onset of Acute Myocardial Infarction, 1210
- Vasopeptidase Inhibitors: A New Therapeutic Concept in Cardiovascular Disease? I856
- Trials**
- Double-Blind, Randomized Trial of an Anti-CD18 Antibody in Conjunction With Recombinant Tissue Plasminogen Activator for Acute Myocardial Infarction: Limitation of Myocardial Infarction Following Thrombolysis in Acute Myocardial Infarction (LIMIT AMI) Study, 2778
- Early Reinfarction After Fibrinolysis: Experience From the Global Utilization of Streptokinase and Tissue Plasminogen Activator (Alteplase) for Occluded Coronary Arteries (GUSTO I) and Global Use of Strategies To Open Occluded Coronary Arteries (GUSTO III) Trials, 1229
- Effect of Clinical Risk Stratification on Cost-Effectiveness of the Implantable Cardioverter-Defibrillator: The Canadian Implantable Defibrillator Study, 1622
- Effects of Once-Daily Angiotensin-Converting Enzyme Inhibition and Calcium Channel Blockade-Based Antihypertensive Treatment Regimens on Left Ventricular Hypertrophy and Diastolic Filling in Hypertension: The Prospective Randomized Enalapril Study Evaluating Regression of Ventricular Enlargement (PRESERVE) Trial, 1248
- Influence of Low High-Density Lipoprotein Cholesterol and Elevated Triglyceride on Coronary Heart Disease Events and Response to Simvastatin Therapy in 4S, 3046
- Learning From Mistakes: The Case of Clinical Electrophysiology: A Perspective on Evidence-Based Rhythmology, 845
- Neuroprotective Effect of Mild Hypothermia in Patients Undergoing Coronary Artery Surgery With Cardiopulmonary Bypass: A Randomized Trial, I-85
- Randomized Comparison of Enoxaparin, a Low-Molecular-Weight Heparin, With Unfractionated Heparin Adjunctive to Recombinant Tissue Plasminogen Activator Thrombolysis and Aspirin: Second Trial of Heparin and Aspirin Reperfusion Therapy (HART II), 648
- Reducing Emotional Distress Improves Prognosis in Coronary Heart Disease: 9-Year Mortality in a Clinical Trial of Rehabilitation, 2018
- Regression of Left Ventricular Hypertrophy and Improved Prognosis: Some HOPE Now... or Hype? 1582
- The Time Has Come to Stop Letting the HERS Tale Wag the Dogma, 2256
- Treatment of Isolated Systolic Hypertension Is Most Effective in Older Patients With High-Risk Profile, 1923
- Triglycerides**
- Blood Lipids and First-Ever Ischemic Stroke/Transient Ischemic Attack in the Bezafibrate Infarction Prevention (BIP) Registry: High Triglycerides Constitute an Independent Risk Factor, 2892
- Troponin**
- Ninety-Minute Exclusion of Acute Myocardial Infarction By Use of Quantitative Point-of-Care Testing of Myoglobin and Troponin I, 1483
- Trypanosomiasis**
- Dysregulation of Peripheral and Central Chemoreflex Responses in Chagas' Heart Disease Patients Without Heart Failure, 1792
- Tumor necrosis factor**
- In Vivo Blockade of Tumor Necrosis Factor- α Accelerates Functional Endothelial Recovery After Balloon Angioplasty, 1754
- Left Ventricular Remodeling in Transgenic Mice With Cardiac Restricted Overexpression of Tumor Necrosis Factor, 826
- Twins**
- Birth Weight and Blood Pressure in Young Adults: A Prospective Twin Study, 1633
- U**
- Ultrafiltration**
- Modified Ultrafiltration Reduces Morbidity After Adult Cardiac Operations: A Prospective, Randomized Clinical Trial, I-253
- Ultrasonics**
- Central Arterial Compliance Is Associated With Age- and Habitual Exercise-Related Differences in Cardiovascular Baroreflex Sensitivity, 1627
- Cerebral Autoregulatory Responses to Head-Up Tilt in Normal Subjects and Patients With Recurrent Vasovagal Syncope, 898
- Cerebral Vasoconstriction in Vasovagal Syncope: Any Link With Symptoms? A Transcranial Doppler Study, 2694
- Combined Assessment of Myocardial Perfusion and Regional Left Ventricular Function by Analysis of Contrast-Enhanced Power Modulation Images, 352
- Comparative Efficacy of γ -Irradiation for Treatment of In-Stent Restenosis in Saphenous Vein Graft Versus Native Coronary Artery In-Stent Restenosis: An Intravascular Ultrasound Study, 3020
- C-Reactive Protein Is an Independent Predictor of the Rate of Increase in Early Carotid Atherosclerosis, 63
- Decreased Coagulability Has No Clinically Relevant Effect on Atherogenesis: Observations in Individuals With a Hereditary Bleeding Tendency, 762
- Intravascular Ultrasound Assessment of the Mechanisms and Results of Brachytherapy, 1320
- Lumen Loss in Transplant Coronary Artery Disease Is a Biphasic Process Involving Early Intimal Thickening and Late Constrictive Remodeling: Results From a 5-Year Serial Intravascular Ultrasound Study, 653
- Multimodal Fetal Transesophageal Echocardiography for Fetal Cardiac Intervention in Sheep, 1757

- Novel Drug-Delivery Stent: Intravascular Ultrasound Observations From the First Human Experience With the QP2-Eluting Polymer Stent System, 380
- Quantification of Cerebral Perfusion With "Real-Time" Contrast-Enhanced Ultrasound, 2582
- Randomized Comparison of Coronary Stent Implantation Under Ultrasound or Angiographic Guidance to Reduce Stent Restenosis (OPTICUS Study), 1343
- Risk Factors for Cardiovascular Disease in Systemic Lupus Erythematosus, 1887
- Serial Intravascular Ultrasound Assessment of the Efficacy of Intracoronary γ -Radiation Therapy for Preventing Recurrence in Very Long, Diffuse, In-Stent Restenosis Lesions, 856
- Sustained Suppression of Neointimal Proliferation by Sirolimus-Eluting Stents: One-Year Angiographic and Intravascular Ultrasound Follow-Up, 2007
- Ultrasonic Echolucent Carotid Plaques Predict Future Strokes, 68
- Use of Intravascular Ultrasound to Compare Effects of Different Strategies of Lipid-Lowering Therapy on Plaque Volume and Composition in Patients With Coronary Artery Disease, 387
- Urotensins**
- Synergistic Effect of Urotensin II With Mildly Oxidized LDL on DNA Synthesis in Vascular Smooth Muscle Cells, 16
- V**
- Vagus nerve**
- Catheter Stimulation of Cardiac Parasympathetic Nerves in Humans: A Novel Approach to the Cardiac Autonomic Nervous System, 2430
- Heart Rate-Independent Vagal Effect on End-Systolic Elastance of the Canine Left Ventricle Under Various Levels of Sympathetic Tone, 2277
- Valves**
- Are Outcomes of Surgical Versus Transcatheter Balloon Valvotomy Equivalent in Neonatal Critical Aortic Stenosis? 1152
- Does Histocompatibility Affect Homograft Valve Function After the Ross Procedure? 125
- Incidence, Location, Pathology, and Significance of Pulmonary Homograft Stenosis After the Ross Operation, 1-16
- Subvalvular Gradients in Patients With Valvular Aortic Stenosis: Prevalence, Magnitude, and Physiological Importance, 1019
- Surgical Management of Left-Sided Carcinoid Heart Disease, 1-36
- Time Course of Aortic Valve Function and Root Dimensions After Subcoronary Ross Procedure for Bicuspid Versus Tricuspid Aortic Valve Disease, 1-21
- Very Long-Term Results (More Than 20 Years) of Valve Repair With Carpentier's Techniques in Nonrheumatic Mitral Valve Insufficiency, 1-8
- Valvuloplasty**
- Edge-to-Edge Mitral Repair: Tension on the Approximating Suture and Leaflet Deformation During Acute Ischemic Mitral Regurgitation in the Ovine Heart, 1-29
- Multimodal Fetal Transesophageal Echocardiography for Fetal Cardiac Intervention in Sheep, 1757
- Vasculature**
- Coronary Endothelial Dysfunction After Heart Transplantation Predicts Allograft Vasculopathy and Cardiac Death, 3091
- Estrogen-Induced Vasoprotection Is Independent of Inducible Nitric Oxide Synthase Expression: Evidence From the Mouse Carotid Artery Ligation Model, 2740
- Nitric Oxide Synthase (nNOS) Gene Transfer Modifies Venous Bypass Graft Remodeling: Effects on Vascular Smooth Muscle Cell Differentiation and Superoxide Production, 1526
- Taurine Prevents the Decrease in Expression and Secretion of Extracellular Superoxide Dismutase Induced by Homocysteine: Amelioration of Homocysteine-Induced Endoplasmic Reticulum Stress by Taurine, 1165
- Tibioperoneal (Outflow Lesion) Angioplasty Can Be Used as Primary Treatment in 235 Patients With Critical Limb Ischemia: Five-Year Follow-Up, 2057
- Upregulation of Phosphodiesterase 1A1 Expression Is Associated With the Development of Nitrate Tolerance, 2338
- Vascular Abnormalities and Elevated Blood Pressure in Mice Lacking Adrenomedullin Gene, 1964
- Vascular Hypertrophy and Increased P70S6 Kinase in Mice Lacking the Angiotensin II AT₂ Receptor, 2602
- Vasoconstriction**
- Developing a Vasopressor Combination in a Pig Model of Adult Asphyxial Cardiac Arrest, 1651
- Endothelial Cell Dysfunction in Mice After Transgenic Knockout of Type 2, but Not Type 1, 11 β -Hydroxysteroid Dehydrogenase, 2832
- Functional Evidence for a Role of Vascular Chymase in the Production of Angiotensin II in Isolated Human Arteries, 750
- Mitochondrial Coupling Factor 6 Is Present on the Surface of Human Vascular Endothelial Cells and Is Released by Shear Stress, 3132
- Role of Endothelin-1 in the Active Constriction of Human Atherosclerotic Coronary Arteries, 1114
- Unstable Angina and Elevated C-Reactive Protein Levels Predict Enhanced Vasoreactivity of the Culprit Lesion, 1471
- Vasoconstrictor Effect of the Angiotensin-Converting Enzyme-Resistant, Chymase-Specific Substrate [Pro¹₁₀-Ala¹²] Angiotensin I in Human Dorsal Hand Veins: In Vivo Demonstration of Non-ACE Production of Angiotensin II in Humans, 1805
- Vasodilation**
- Activation of Barium-Sensitive Inward Rectifier Potassium Channels Mediates Remote Dilation of Coronary Arterioles, 1749
- Circulating Microparticles From Patients With Myocardial Infarction Cause Endothelial Dysfunction, 2649
- Folate and Nitrate-Induced Endothelial Dysfunction: A Simple Treatment for a Complex Pathobiology, 1086
- Impact of Hyperthyroidism and Its Correction on Vascular Reactivity in Humans, 3076
- Influence of Nitric Oxide Synthase and Adrenergic Inhibition on Adenosine-Induced Myocardial Hyperemia, 2305
- Limits of Detection of Regional Differences in Vasodilated Flow in Viable Myocardium by First-Pass Magnetic Resonance Perfusion Imaging, 2412
- Nicotine Does Not Influence Arterial Lipid Deposits in Rabbits Exposed to Second-Hand Smoke, 810
- Pharmacological Stress Myocardial Perfusion Imaging With the Potent and Selective A_{2A} Adenosine Receptor Agonists ATL193 and ATL146e Administered by Either Intravenous Infusion or Bolus Injection, 1181
- Unstable Angina and Elevated C-Reactive Protein Levels Predict Enhanced Vasoreactivity of the Culprit Lesion, 1471
- Veins**
- Effects of Rapid Atrial Pacing on the Arrhythmogenic Activity of Single Cardiomyocytes From Pulmonary Veins: Implication in Initiation of Atrial Fibrillation, 2849
- Heterogeneity of Myocardial Sleeve Morphology and Gap Junctions in Canine Superior Vena Cava, 3152
- Investigation of Coronary Venous Anatomy by Retrograde Venography in Patients With Malignant Ventricular Tachycardia, 442
- Low Plasma Levels of Vitamin B₆ Are Independently Associated With a Heightened Risk of Deep-Vein Thrombosis, 2442
- Thrombolysis in Pulmonary Embolism: A Large-Scale Clinical Trial Is Overdue, 2876
- Transvenous Biventricular Defibrillation Halves Energy Requirements in Patients, 2533
- Vasoconstrictor Effect of the Angiotensin-Converting Enzyme-Resistant, Chymase-Specific Substrate [Pro¹₁₀-Ala¹²] Angiotensin I in Human Dorsal Hand Veins: In Vivo Demonstration of Non-ACE Production of Angiotensin II in Humans, 1805
- Ventilation**
- Adverse Hemodynamic Effects of Interrupting Chest Compressions for Rescue Breathing During Cardiopulmonary Resuscitation for Ventricular Fibrillation Cardiac Arrest, 2465
- Developing a Vasopressor Combination in a Pig Model of Adult Asphyxial Cardiac Arrest, 1651
- Exercise Pathophysiology in Patients With Primary Pulmonary Hypertension, 429
- Muscle Ergoreceptor Overactivity Reflects Deterioration in Clinical Status and Cardiorespiratory Reflex Control in Chronic Heart Failure, 2324
- Ventricles**
- Anterior Chordal Transection Impairs Not Only Regional Left Ventricular Function But Also Regional Right Ventricular Function in Mitral Regurgitation, 1-41

- Combined Assessment of Myocardial Perfusion and Regional Left Ventricular Function by Analysis of Contrast-Enhanced Power Modulation Images, 352
- Differential Effects of Angiotensin II Versus Endothelin-1 Inhibitions in Hypertrophic Left Ventricular Myocardium During Transition to Heart Failure, 606
- Endothelial Nitric Oxide Synthase Limits Left Ventricular Remodeling After Myocardial Infarction in Mice, 1286
- Heart Rate Recovery Immediately After Treadmill Exercise and Left Ventricular Systolic Dysfunction as Predictors of Mortality: The Case of Stress Echocardiography, 1911
- Infusion of Light Chains From Patients With Cardiac Amyloidosis Causes Diastolic Dysfunction in Isolated Mouse Hearts, 1594
- Novel PRKAG2 Mutation Responsible for the Genetic Syndrome of Ventricular Preexcitation and Conduction System Disease With Childhood Onset and Absence of Cardiac Hypertrophy, 3030
- Prior Coronary Artery Bypass Surgery and Risk of Death Among Patients With Ischemic Left Ventricular Dysfunction, 1489
- Relationship Between Early Diastolic Intraventricular Pressure Gradients, an Index of Elastic Recoil, and Improvements in Systolic and Diastolic Function, 1-330
- Static Relationship of Cycle Length to Reentrant Circuit Geometry, 1946
- Vessels**
- Disordered Cellular Migration and Angiogenesis in *cd39*-Null Mice, 3109
- Microcirculation in Hypertension: A New Target for Treatment? 735
- Pioglitazone Enhances Cytokine-Induced Apoptosis in Vascular Smooth Muscle Cells and Reduces Intimal Hyperplasia, 455
- Viruses**
- Adenovirus-Mediated Heme Oxygenase-1 Gene Delivery Inhibits Injury-Induced Vascular Neointima Formation, 2710
- Advances in the Understanding of Myocarditis, 1076
- Factors Related to Pleural Effusions After Fontan Procedure in the Era of Fenestration, 1-148
- Plasminogen Activator Inhibitor Type 1 Increases Neointima Formation in Balloon-Injured Rat Carotid Arteries, 1972
- Previous Cytomegalovirus Infection and Restenosis After Coronary Stent Placement, 1135

Vitamin B₆

- Low Plasma Levels of Vitamin B₆ Are Independently Associated With a Heightened Risk of Deep-Vein Thrombosis, 2442

Vitamin C

- Memories of Patients With a Giant Left Atrium, 2630

Vitronectin

- Eptifibatide and 7E3, but Not Tirofiban, Inhibit $\alpha_v\beta_3$ Integrin-Mediated Binding of Smooth Muscle Cells to Thrombospondin and Prothrombin, 582

Von Willebrand factor

- Alcohol Consumption and Hemostatic Factors: Analysis of the Framingham Offspring Cohort, 1367

W**Waiting lists**

- Waiting for Cardiac Surgery: Results of a Risk-Stratified Queuing Process, 1-92

Wolff-Parkinson-White syndrome

- Electrophysiological Effects of Ibutilide in Patients With Accessory Pathways, 1933
- Novel PRKAG2 Mutation Responsible for the Genetic Syndrome of Ventricular Preexcitation and Conduction System Disease With Childhood Onset and Absence of Cardiac Hypertrophy, 3030
- Reversing the Direction of Paced Ventricular and Atrial Wavefronts Reveals an Oblique Course in Accessory AV Pathways and Improves Localization for Catheter Ablation, 550
- Wolff-Parkinson-White Syndrome: A Genetic Disease? 3014

Women

- Effect of Medroxyprogesterone Acetate on Endothelium-Dependent Vasodilation in Postmenopausal Women Receiving Estrogen, 1773
- Hormone Replacement Therapy and Cardiovascular Disease: A Statement for Healthcare Professionals From the American Heart Association, 499
- Hormone Therapy and In-Hospital Survival After Myocardial Infarction in Postmenopausal Women, 2300
- Matters of Sex: Sex Matters, 1333
- Out-of-Hospital Cardiac Arrest in Men and Women, 2699
- The Time Has Come to Stop Letting the HERS Tale Wag the Dogma, 2256